

January 24, 2020

Nuclear Materials Licensing Branch
Attn: Michelle R. Simmons
U.S. Nuclear Regulatory Commission, Region-IV
1600 East Lamar Boulevard
Arlington, Texas 76011-4511

RECEIVED
JAN 24 2020

DNMS

Subject: Amendment to License Number 42-09082-09

Dear Ms. Simmons:

Texas A&M University is interested in receiving the following radionuclides to be used aboard the research vessel.

Manufacturer: Eckert and Ziegler
GF-228-D
Th-228
3.70kBq (0.10 microcurie)
Capsule: A1001-1, Type D Disk
25.4mm OD x 5mm AD
Calibrated, NIST Traceable

GF-238U-D
U-238(Nat)
Total Uranium Activity:
3.70kBq (0.10 microcurie)
Capsule: A1001-1, Type D Disk
25.4mm OD x 9mm AD
Calibrated, NIST Traceable

PUBLIC

- Immediate Release
- Normal Release

NON-PUBLIC

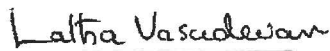
- A.3 Sensitive-Security Related
- A.7 Sensitive Internal
- Other: _____

Reviewer: MS Date: 1/28/20

If the above are considered exempt quantities, please do not list them in the license, otherwise, please do add them in the license.

Please feel free to contact me with any questions at (979) 862-6497 or by email latha@tamu.edu

Respectfully,



Latha Vasudevan, RSO

Xc: License File 42 -09082-009

College Station, TX 77845
Central File

Tel. 979.845.2132
ehs.tamu.edu

Hill, Carol

From: Simmons, Michelle
Sent: Friday, January 24, 2020 11:38 AM
To: Hill, Carol
Subject: FW: RE: Ref: Texas A&M University 42-09082-09
Attachments: 20200124111331727_0001.pdf

Importance: High

Please set this up as an amendment.

Thank you

From: Vasudevan, Latha <latha@tamu.edu>
Sent: Friday, January 24, 2020 11:15 AM
To: Simmons, Michelle <Michelle.Simmons@nrc.gov>; Hammond, Michelle <Michelle.Hammond@nrc.gov>
Subject: [External_Sender] RE: Ref: Texas A&M University 42-09082-09
Importance: High

Good morning Ms. Simmons

Please see the amendment letter attached. The reference sources may be considered exempt for licensing. However, if it requires adding them in the license, please consider the amendment request.

Appreciate it

regards

Latha Vasudevan, Ph.D, DABHP | Assistant Director
Radiological Safety Officer/Laser Safety Officer
Environmental Health and Safety | Texas A&M University
4472 TAMU | College Station, TX 77843-4472

Ph: 979.862.6497 | Fax: 979.862.7804 | latha@tamu.edu

<http://ehs.tamu.edu>

How did we do? Let us know by completing the [EHS Customer Satisfaction Survey](#)

From: Simmons, Michelle <Michelle.Simmons@nrc.gov>
Sent: Thursday, January 23, 2020 1:20 PM
To: Vasudevan, Latha <latha@tamu.edu>; Hammond, Michelle <Michelle.Hammond@nrc.gov>
Subject: RE: Ref: Texas A&M University 42-09082-09

Hello,

If you do not currently have material authorizations for this material, you will have to submit an amendment request to add them to your license. Please include the manufacturer, model number, and the desired activity for the material.

Thanks

Michelle R. Simmons
Senior Health Physicist
Nuclear Regulatory Commission
Materials Licensing and Decommissioning Branch
Region IV
1600 East Lamar Blvd.
Arlington, Texas 76011
817-200-1590

From: Vasudevan, Latha <latha@tamu.edu>
Sent: Thursday, January 23, 2020 12:35 PM
To: Hammond, Michelle <Michelle.Hammond@nrc.gov>; Simmons, Michelle <Michelle.Simmons@nrc.gov>
Subject: [External_Sender] Ref: Texas A&M University 42-09082-09

Hello

I just have a question. One of our researcher is interested in purchasing some exempt calibration sources that they would like to use it aboard the Texas A&M University's research vessel JOIDES resolution.

Co-60 (0.1 uCi) TYPE D disk
Co-60(1.0 uCi) TYPE D disk
Cs-137(0.1 uCi) TYPE D Disk
Th-228 (0.1 uCi) TYPE D disk
U-238 (Nat) 0.1 uCi TYPE D disk

Thorium-228 and U-238 are not listed under 10CFR30.71 schedule B.
Do I need to file an amendment for possession and use of the above check sources aboard the research vessel.

Appreciate your timely response.

Best regards

Latha Vasudevan, Ph.D, DABHP | Assistant Director
Radiological Safety Officer/Laser Safety Officer
Environmental Health and Safety | Texas A&M University
4472 TAMU | College Station, TX 77843-4472

Ph: 979.862.6497 | Fax: 979.862.7804 | latha@tamu.edu

<http://ehs.tamu.edu>

How did we do? Let us know by completing the [EHS Customer Satisfaction Survey](#)



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Latha Vasudevan, Ph.D., CHP
Radiological Safety Officer
Texas A&M University
4472 TAMU
College Station, TX 77843-4472

Date

02/20/2020

License Number(s)

42-09082-09

Mail Control Number(s)

618035

Licensing and/or Technical Reviewer or Branch

E. Gilman

This is to acknowledge receipt of your: Letter and/or Application Dated: 01/24/2020

The initial processing, which included an administrative review, has been performed.

Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

The following administrative omissions have been identified:

[Empty box for administrative omissions]

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

**Region IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Boulevard
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140**