



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
Office of Oceanic and Atmospheric Research  
Earth System Research Laboratory R/GSD6  
325 Broadway – David Skaggs Research Center  
Boulder, Colorado 80305-3337

May 11, 2016

U.S. NRC Region IV  
c/o Michelle M. Hammond, MSc  
Division of Nuclear Materials Safety, Branch A  
1600 East Lamar Boulevard  
Arlington, Texas 76011-4511

RECEIVED  
MAY 13 2016

DNMS

Reference License Number 05-11997-01

To Whom it May Concern:

The purpose of this letter is to request changes Radiation Safety Officer (RSO), Assistant Radiation Safety Officer (ARSO), and Authorized users for NRC Material License 05-11997-01.

The changes requested are as follows:

- Remove John Nowak from the Authorized Users list (Section 11.A.)
- Add J. Andrew Neuman, Charles A. Brock to the Authorized User list (Section 11.A.).  
Enclosed are the training certifications for Mr. Neuman and Mr. Brock.
- Remove John P. Schneider as RSO and replace with Brian A. Vasel (Section 11.B). Mr. Vasel is currently listed as an ARSO on the license. A copy of his most recent 40 hour Radiation Safety Hour training is attached.
- Delete Section 11.C. regarding ARSO. We will no longer have an ARSO under this license.

No additional modifications to this license are requested with this action.

Please feel free to contact me if you have any questions regarding this request.

**PUBLIC**

- ☐ Immediate Release  
☒ Normal Release

**NON-PUBLIC**

- ☐ A.3 Sensitive-Security Related  
☐ A.7 Sensitive Internal  
☐ Other: \_\_\_\_\_

Reviewer: JS

Date: 5/19/16

Sincerely,

John P. Schneider.  
Radiation Safety Officer  
NOAA's Earth System Research Laboratory

cc: Brian Vasel, GMD  
Ann Middlebrook, CSD  
John Schneider, GSD  
Kevin Kelleher, ESRL



590895

**Brian A. Vasel**

*Has successfully completed the 40 hour technical short course entitled*

**Radiation Safety Officer**

*August 8, 2011 – August 12, 2011*

*This certificate presented in San Jose, California, August 12, 2011*

*By Nevada Technical Associates, Inc.*

Approval codes for C.E. units are: ASRT 30.5 units: NVZ0146001, AAHP 32 units: 2008-00-005, ABIH 4.5 units: 08-1362



**Kenneth Smith, CHP RRP**  
Instructor

**Certificate Number: 1312527618**

## NOAA ESRL Authorized User Radiation Safety Training

1. The U. S. Nuclear Regulatory Commission materials license for NOAA ESRL (license number 05-11997-01, Amendment 43 plus application) permits the use of nickel-63, polonium-210, and americium-241. Please check with the Radiation Safety Officer (RSO) or the Assistant Radiation Safety Officer (ARSO) for more information. Currently the ESRL RSO is John Schneider (303-497-4646) and the ARSOs are Brian Vasel for GMD (303-497-6655) and Ann Middlebrook for CSD (303-497-7324).

2. As an Authorized User (AU) listed on this license, you agree to accept the responsibilities described below.

a. Ensuring the safe handling of radioactive materials in your laboratory or by Users under your supervision.

b. Establishing laboratory radiation safety procedures that include:

- 1) limiting access to restricted areas,
- 2) compliance with sign requirements,
- 3) proper use and handling methods including personal protective equipment, shielding and interlocks as appropriate,
- 4) proper labeling and storage of radioactive materials,
- 5) proper security of radioactive sources,
- 6) proper disposal of radioactive materials, and
- 7) written standard procedures for operating each specific instrument containing radioactive material.

c. Ensuring that Users are properly trained; training must be documented (date, names of people trained, and outline of training program). Training topics should include:

- 1) background information on NRC radiation safety rules and regulations,
- 2) location and conditions for storage of radioactive materials,
- 3) health effects caused by overexposure to radioactive materials,
- 4) a review of laboratory safety procedures,
- 5) waste handling and disposal,
- 6) the obligation to report unsafe conditions to the RSO or ARSO,
- 7) how and when to use a radiation safety meter,
- 8) how to respond to spills and emergencies, and
- 9) where to find copies of the Radiation Safety Program, the NRC Materials License, and regulations.

d. Assisting the RSO or ARSO with maintaining laboratory records of radioactive material. Informing the ARSO of any ionizing radiation source which is present, brought onto the site, or relocated to a temporary job site.

e. Providing adequate facilities, shielding materials, personal protective apparel, and handling devices.

I have read and understand the above information and accept the responsibilities of being an Authorized User of radioactive material.

  
Signature

5/3/2016  
Date

J. Andrew Neuman  
Printed Name

Rev. 4/22/15

590895

## NOAA ESRL Authorized User Radiation Safety Training

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e. Providing adequate facilities, shielding materials, personal protective apparel, and handling devices.

I have read and understand the above information and accept the responsibilities of being an Authorized User of radioactive material.

Charles Brock  
Signature

5/3/2016  
Date

Charles A. Brock  
Printed Name

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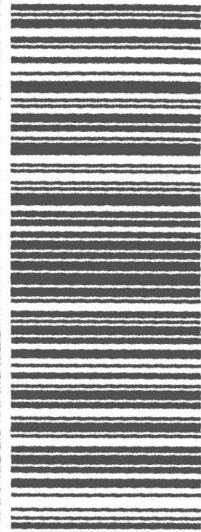
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## ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

## Name and Address of Applicant and/or Licensee

Mr. John P. Schneider  
Radiation Safety Officer  
U.S. Department of Commerce  
National Oceanic and Atmospheric Administration  
325 Broadway  
Boulder, Colorado 80305

## License Number(s)

05-11997-01

## Mail Control Number(s)

590895

## Licensing and/or Technical Reviewer or Branch

C. Hill 05/13/2016

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 05/11/2016

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 fill out NRC Form 531, Request for Taxpayer Identification Number, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

☐ The following administrative omissions have been identified:

A copy of your action has been e-mailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

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) 200-1140 or (817) 200-1209

✓ 5/13

BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM WBL

Program Code: 03620  
Status Code: Pending Amendment  
Fee Category: 3M  
Exp. Date:  
Fee Comments: 3M EFF. 02/24/09  
Decom Fin Assur Req: N

## License Fee Worksheet - License Fee Transmittal

### A. REGION

#### 1. APPLICATION ATTACHED

Applicant/Licensee: Commerce, Department of  
Received Date: 05/13/2016  
Docket Number: 3003746  
Mail Control Number: 590895  
License Number: 05-11997-01  
Action Type: Amendment

#### 2. FEE ATTACHED

Amount: \_\_\_\_\_  
Check No.: \_\_\_\_\_

#### 3. COMMENTS

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

*Carol L. Heise*  
5/13/16

### 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: \_\_\_\_\_