



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BLVD.
KING OF PRUSSIA, PA 19406-2713

March 9, 2017

Colonel Raymond L. Phua
Department of the Army
U.S. Army Research Institute
of Environmental Medicine (USARIEM)
10 General Greene Avenue, Building 42
Natick, MA 01760-5007

SUBJECT: DEPARTMENT OF THE ARMY, LICENSE AMENDMENT, MAIL CONTROL NO.
592677

Dear Colonel Phua:

This refers to your license amendment request dated December 13, 2016. Please find enclosed Amendment No. 9 authorizing Mr. Emilio A. Garcia as the Radiation Safety Officer. In addition to updating the radiation safety officer, your license has been updated to reflect current NRC policy. The following changes are noteworthy:

1. The orientation of the document has been changed to landscape;
2. Item No. 7.G is updated to the latest sealed source and device registration on record.
3. Item No. 9, "Authorized use," is now shown adjacent to Item No. 8, "Maximum amount that may be possessed";
4. The sealed source leak test recordkeeping requirement in Condition No. 13.F was reduced from five years to three years;
5. The physical inventory recordkeeping requirement in Condition 14 was reduced from five years to three years; and,
6. Condition No. 17 from previous amendments of the license was removed. The requirement to comply with 10 CFR 71.5 (transportation) is now addressed in the license header on page 1.

An environmental assessment for this action was not required, since this action is categorically excluded under 10 CFR 51.22(c)(14)(v).

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please contact me at 610-337-5089 or via electronic mail at John.Miller@nrc.gov so that appropriate corrections or answers can be provided.

You will be periodically inspected by the NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application

and supplemental correspondence with NRC will result in enforcement action(s) against you. This could include issuance of a Notice of Violation, or Imposition of a Civil Penalty, or an Order Suspending, Modifying or Revoking Your License as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available at:
<http://www.nrc.gov/reading-rm/doc-collections/enforcement/>.

An electronic version of the NRC's regulations is available on the NRC Web Site at: www.nrc.gov. Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: <http://www.nrc.gov/materials/miau/mat-toolkits.html>. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web Site at: <http://www.nrc.gov/about-nrc/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at: <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,

/RA/

John Miller, Health Physicist
Commercial, Industrial, R&D
and Academic Branch
Division of Nuclear Materials Safety
Region I

License No. 20-30847-01
Docket No. 03036434
Mail Control No. 592677

Enclosure:
Amendment No. 9

cc: Emilio A. Garcia, Radiation Safety Officer

and supplemental correspondence with NRC will result in enforcement action(s) against you. This could include issuance of a Notice of Violation, or Imposition of a Civil Penalty, or an Order Suspending, Modifying or Revoking Your License as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available at: <http://www.nrc.gov/reading-rm/doc-collections/enforcement/>.

An electronic version of the NRC’s regulations is available on the NRC Web Site at: www.nrc.gov. Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: <http://www.nrc.gov/materials/miau/mat-toolkits.html>. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

The NRC’s Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency’s *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC’s safety culture Web Site at: <http://www.nrc.gov/about-nrc/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 CFR 2.390 of the NRC’s “Rules of Practice,” a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC’s document system (ADAMS). ADAMS is accessible from the NRC Web Site at: <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,

/RA/

John Miller, Health Physicist
Commercial, Industrial, R&D
and Academic Branch
Division of Nuclear Materials Safety
Region I

License No. 20-30847-01
Docket No. 03036434
Mail Control No. 592677

Enclosure:
Amendment No. 9

cc: Emilio A. Garcia, Radiation Safety Officer

DOCUMENT NAME: G:\WBL Documents\WBL License Cover Letter\L20-30847-01.592677.docx

SUNSI Review Complete: SWilson

ML17079A114

After declaring this document “An Official Agency Record” it **will** be released to the Public.

To receive a copy of this document, indicate in the box: “C” = Copy w/o attach/encl “E” = Copy w/ attach/encl
“N” = No copy

OFFICE	RI:DNMS	N	RI:DNMS	N				
NAME	SWilson /SW/		JMiller /JJM/					
DATE	03/09/2017		03/09/2017					