



# COMMONWEALTH of VIRGINIA

Department of Health

MARISSA J. LEVINE, M.D., MPH  
STATE HEALTH COMMISSIONER

PO BOX 2448  
RICHMOND, VA 23218

TTY 7-1-1 OR  
1-800-628-1120

July 14, 2017

04-35086-01  
03038664

Heather K. Armstrong, RSO  
SRI International  
140 Research Drive  
Harrisonburg, VA 22802

Dear Ms. Armstrong:

Enclosed is Amendment # 3 to Radioactive Material License No. 660-602-1, with the changes printed in **bold letters**. The amendment adds Tony Wang, Ph.D., to the license as licensed material user and also accepts the door relocation based on your letter dated July 10, 2017.

**Please read the license carefully as you will be responsible for its contents.** Your operations will be subject to routine inspections by the Agency for compliance with Chapter 481 'Virginia Radiation Protection Regulation' and the conditions of your license. These inspections may be unannounced or scheduled.

If you have any questions, feel free to contact me at 804-864-7943 or [asfaw.fenta@vdh.virginia.gov](mailto:asfaw.fenta@vdh.virginia.gov).

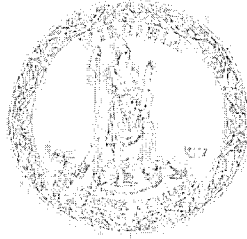
Sincerely,

Asfaw Fenta  
Radiation Safety Specialist  
Radioactive Material Program  
Virginia Department of Health  
109 Governor Street, Room 730  
Richmond, VA 23219  
(Fax) 804-964-8155

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RADIOACTIVE MATERIALS-002

REC'D IN LAB 07/19/2018



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF HEALTH

RADIOACTIVE MATERIALS LICENSE

Under the Code of Virginia Section 32.1-229.3 and 12VAC5-481, Virginia Radiation Protection Regulations, and in reliance on statements and representations made by the licensee, a license is issued authorizing the licensee to receive, acquire, possess and transfer radioactive material designated below; to use the material for the purpose(s) and at the place(s) designated below; and to deliver or transfer the material to persons authorized to receive it in accordance with 12VAC5-481, Virginia Radiation Protection Regulations. This license is subject to all applicable rules and orders of the Virginia Department of Health now or hereafter in effect, and to any conditions specified below.

Licensee Name and Address	In accordance with letter dated July 10, 2017
1. SRI International  2. 140 Research Drive Harrisonburg, VA 22802	3. License Number: 660-602-1 is hereby amended to read as follows.
	4. Amendment No.: 3
	5. Expiration Date: September 30, 2019

6. Radioactive material	7. Chemical and/or physical form	8. Maximum amount of radioactive materials that the licensee may possess at any one time under this license:	9. Authorized Use:
A. Hydrogen-3	A. Any	A. 20 millicuries	A. through E. Research and development, as defined in 12VAC5-481-10; In vitro studies, no animal use.
B. Iodine-125	B. Any	B. 1 millicurie	
C. Sulfur-35	C. Any	C. 20 millicuries	
D. Carbon-14	D. Any	D. 20 millicuries	
E. Phosphorus-32	E. Any	E. 20 millicuries	

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 140 Research Drive, Harrisonburg, Virginia.
11. The Radiation Safety Officer for this license is Heather K. Armstrong.

**RADIOACTIVE MATERIALS LICENSE**

License Number: 660-602-1

Amendment No: 3

12. **Licensed material shall be used by or under the supervision of Kathlynn C. Brown, Ph.D., Kevin J. Luebke, and Tony T. Wang, Ph.D.**
13. The licensee is authorized to transport licensed material in accordance with the provisions of Chapter 481, Part XIII, 'Transportation of Radioactive Material.'
14. The licensee shall not use licensed material in or on human beings except as provided otherwise by specific condition of this license.
15. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
16. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the agency, to account for all radioactive material received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the radionuclide's, quantities, and the date of the inventory.
17. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 12VAC5-481-450 C for establishing decommissioning financial assurance.
18. The licensee is authorized to hold radioactive material with a physical half-life of less than 120 days for decay-in-storage before disposal in ordinary trash, provided the licensee:
  - A. Monitors the material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and.
  - B. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
  - C. A record of each such disposal permitted under this License Condition shall be retained for 3 years. The record must include the date of disposal, the date on which the material was placed in storage, the radionuclide's disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

**RADIOACTIVE MATERIALS LICENSE**

License Number: 660-602-1

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19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. Chapter 481 "Virginia Radiation Protection Regulations" shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated August 19, 2014.

**B. Letter dated July 10, 2017.**

FOR THE VIRGINIA DEPARTMENT OF HEALTH



7/14/2017

SIGNATURE

DATE

DIRECTOR RADIOACTIVE MATERIALS PROGRAM