



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
**UNITED STATES MILITARY ACADEMY**  
West Point, New York 10996

RECEIVED

NMSB 2

DEC 20 2005 1:31

MADN-PHYS (385-11m)

20 December 2005

MEMORANDUM FOR U.S. Nuclear Regulatory Commission, Region 1, Materials  
Licensing Section, 475 Allendale Rd, King of Prussia, Pennsylvania 19406

SUBJECT: Amendment to US Nuclear Regulatory Commission License SUD-311, Docket No.  
040-05828

1. Request that US Nuclear Regulatory Commission License SUD-311 issued to the Department  
of Physics, US Military Academy be amended as follows:

a. Request that MAJ David Phillips be designated as the Radiation Safety Officer in place of  
COL(R) Brian Moretti. MAJ Phillips is an Army Health Physicist and has previously served as  
the Radiation Safety Officer at Martin Army Community Hospital in Ft. Benning Georgia. MAJ  
Phillips's document of training and experience with radioactive sources is attached. MAJ  
Phillips is familiar with all NRC requirements for this position.


b. Request that MAJ Michael F. Traver and MAJ Robert Dean Prins be removed from the  
list of authorized users. Both officers have left West Point and no longer serve on the  
Department of Physics faculty.

c. Request a change to the listed rank of an authorized user: LTC Edward P. Naessens, Ph.D.  
change to COL Edward P. Naessens, Ph.D.

2. The United States Military Academy (USMA) is a public undergraduate educational  
institution, accredited by the Middle States Association of Colleges and Schools, offering  
programs of instruction leading to the bachelors degree. The USMA is an activity of the United  
States Army and is supported by appropriated funds. As such it appears to meet your definition  
of a "nonprofit educational institution" (10 CFR 171.5). Request that USMA be exempted from  
any fees for this action.

3. Point of contact for licensing in the Department of Physics is COL(R) Brian Moretti, (845)  
938-3182.

2 Encls

*for*  COL(R) EN Acting Head  
of D/Physics  
RAYMOND J. WINKEL, JR.  
COL, PR  
Head of the Department of Physics

138158

NMCC/ENR/MATERIALS-002

**TRAINING AND EXPERIENCE  
AUTHORIZED USER OR RADIATION SAFETY OFFICER**

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

MAJ David J. Phillips

2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE

N/A

**3. CERTIFICATION**SPECIALTY BOARD  
ACATEGORY  
BMONTH AND YEAR CERTIFIED  
C

N/A

N/A

N/A

**4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES**FIELD OF TRAINING  
ALOCATION AND DATE(S) OF TRAINING  
B

TYPE &amp; LENGTH OF TRAINING

CLOCK HOURS  
IN LECTURE OR  
LABORATORYCLOCK HOURS OF  
SUPERVISED ON-THE-  
JOB EXPERIENCEa. RADIATION PHYSICS AND  
INSTRUMENTATIONUniversity of Massachusetts, Lowell  
98.506: Nuclear Instrumentation  
Sep – Dec 04.

100

0

Madigan Army Medical Center, Health  
Physics Office, Fort Lewis, Washington, Apr  
00 – Aug 01.

50

0

Medical X-ray Survey Techniques Course,  
AMEDD Center & School, Fort Sam Houston,  
Texas, Apr 01.

38

0

Principles of Military Preventive Medicine  
Course, AMEDD Center & School, Fort Sam  
Houston, Texas, Sep – Nov 00.

30

0

Medical Effects of Ionizing Radiation Course,  
Madigan Army Medical Center, Aug 00.

4

0

2<sup>nd</sup> Annual Radiation Safety Conference,  
Tank-automotive and Armament Command,  
Davenport, Iowa, Jul – Aug 00.

4

0

b. RADIATION PROTECTION

University of Massachusetts, Lowell  
98.502: Radiation Safety and Control II  
Jan – May 04

100

0

Madigan Army Medical Center, Health  
Physics Office, Fort Lewis, Washington, Apr  
00 – Aug 01.

10

100

Medical X-ray Survey Techniques Course,  
AMEDD Center & School, Fort Sam Houston,  
Texas, Apr 01.

6

0

Medical Effects of Ionizing Radiation Course,  
Madigan Army Medical Center, Aug 00.

2

0

2<sup>nd</sup> Annual Radiation Safety Conference,  
Tank-automotive and Armament Command,  
Davenport, Iowa, Jul – Aug 00.

3

0

c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Medical X-ray Survey Techniques Course, AMEDD Center & School, Fort Sam Houston, Texas, Apr 01.	12	0	
	Principles of Military Preventive Medicine Course, AMEDD Center & School, Fort Sam Houston, Texas, Sep – Nov 00.	18	0	
d. RADIATION BIOLOGY	University of Massachusetts, Lowell 98.562: Radiation Biology Jan – May 04.	50	0	
	Madigan Army Medical Center, Health Physics Office, Fort Lewis, Washington, Apr 00 – Aug 01.	0	5	
	Principles of Military Preventive Medicine Course, AMEDD Center & School, Fort Sam Houston, Texas, Sep – Nov 00.	3	0	
	Medical Effects of Ionizing Radiation Course, Madigan Army Medical Center, Aug 00.	5	0	
e. RADIOPHARMACEUTICAL CHEMISTRY	University of Massachusetts, Lowell 98.541: Radiochemistry Jan – May 05.	50	0	
	Madigan Army Medical Center, Health Physics Office, Fort Lewis, Washington, Apr 00 – Aug 01.	0	2	
<b>5. EXPERIENCE WITH RADIATION (Actual use of radioisotopes or Equivalent Experience)</b>				
Isotope	mCi USED AT ONE TIME	LOCATION	CLOCK HOURS	TYPE OF USE
<sup>131</sup> I	150, monitored pt dose	Madigan Army Medical Center, Fort Lewis, Washington	4	clinical

# David J. Phillips

## Education

M.S., Radiological Science and Protection  
University of Massachusetts, Lowell. June 2005.

A. M., Physics  
Harvard University. November 2004.

B.S., Environmental Engineering  
United States Military Academy. June 1995.

## Radiation Safety Officer Experience

Chief, Health Physics  
Martin Army Community Hospital, Preventive Medicine Service, Fort Benning, Georgia. Aug 2001 – Feb 2003.  
NRC Byproduct Material License Number 10-06493-02.

Assistant Chief, Health Physics  
Madigan Army Medical Center, Preventive Medicine Service, Fort Lewis, Washinton. Apr 2000 – Aug 2001.  
NRC Byproduct Material License Number 46-02645-03.

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Department of the Army Martin Army Community Hospital</p> <p>2. ATTN: HSXB-PM-HP Fort Benning, Georgia 31905-6100</p>	<p>In accordance with the letter dated <b>September 12, 2002</b></p> <p>3. License No. 10-06493-02 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration Date: July 31, 2005</p> <hr/> <p>5. Docket No. 030-01351</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted in 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted in 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted in 10 CFR 31.11	C. Prepackaged Kits	C. As needed

9. Authorized Use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 100.
  - B. Any imaging and localization study permitted by 10 CFR 35.200.
  - C. In vitro studies.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at Martin Army Community Hospital, Fort Benning, Georgia.
- 11. The Radiation Safety Officer for this license is CPT David J. Phillips.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.  
10-06493-02

Docket No.  
030-01351

Amendment No.  
**48**

16. C. Letters dated:

- |                        |   |
|------------------------|---|
| 1) April 17, 1997      | [physical changes layout including floor diagram]       |
| 2) March 24, 1999      | [change of Radiation Safety Officer]                    |
| 3) October 15, 1999    | [notification of auth user selection]                   |
| 4) March 14, 2000      | [add alternate RSO]                                     |
| 5) October 6, 2000     | [add additional locations of use within the hospital]   |
| 6) June 20, 2000       | [change Radiation Safety Officer]                       |
| 7) February 19, 2002   | [change RSO]  |
| 8) March 26, 2002      | [add Room 36 (Nuclear Medicine Clinic) as use area]     |
| 9) June 20, 2002       | [delete operating and pathology rooms, and other rooms] |
| 10) September 12, 2002 | [change RSO]  |

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE DEC 27 2002

BY

*José M. Díaz Vélez*  
 José M. Díaz Vélez, Health Physicist  
 Region II, Division of Nuclear Materials Safety  
 61 Forsyth Street, SW, Suite 23T85  
 Atlanta, GA 30303-8931

This is to acknowledge the receipt of your letter/application dated

12/20/2005, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 31-02102-a & SUB-311  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 138157/138158  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.