



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

December 17, 2004

Docket No. 03001748  
Control No. 135953

License No. 16-03657-01

Major Stephen A. Lawson  
Deputy Commander for Clinical Services  
Department of the Army  
Ireland Army Community Hospital  
USA MEDDAC  
Ft. Knox, KY 40121-5520

SUBJECT: DEPARTMENT OF THE ARMY, ISSUANCE OF LICENSE AMENDMENT,  
CONTROL NO. 135953

Dear Major Lawson:

This refers to your license amendment request. Enclosed with this letter is the amended license. In addition, we have enclosed a Memorandum dated September 30, 2004 that was inadvertently sent along with your amendment request.

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 notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

Please note that we are not an entity to whom you would ordinarily provide protected health information pertaining to patients. Your letter dated September 30, 2004 contained information that is deemed Protected Health Information (PHI) as such terms are defined in 45 CFR Parts 160 and 164 promulgated pursuant to the Health Insurance Portability and Accountability Act of 1996 (HIPAA). 10 CFR 2.790, allows copies of documents we receive to be placed in the NRC Public Document Room that is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html>. To prevent the PHI that you provided from being publically available, we have redacted those portions of the document. To the extent possible, your correspondence should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction.

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

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the NRC Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or [pdrc@nrc.gov](mailto:pdrc@nrc.gov).

S. Lawson  
Department of the Army

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Thank you for your cooperation.

Sincerely,

***Original signed by Tara L. Weidner***

Tara L. Weidner  
Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 58  
Memorandum dated 30 September 2004

cc:  
Captain Joshua M. Sperry, Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML043560030.wpd

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	DNMS/RI	N	DNMS/RI	DNMS/RI		
NAME	TWeidner/TLW					
DATE	12-17-04					

OFFICIAL RECORD COPY

**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 Ireland Army Community Hospital USA MEDDAC</p> <p>2. Fort Knox, Kentucky 40121-5520</p>	<p>In accordance with the letter dated September 30, 2004,</p> <p>3. License number 16-03657-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date: January 31, 2005</p> <hr/> <p>5. Docket No. 030-01748 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 31.11</p> <p>E. Any byproduct material permitted by 10 CFR 35.500</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Prepackaged Kits</p> <p>E. Sealed sources (North Amer. Sci. Model MED 3601; DuPont Merck Model NES 8412; Ind. Prod. Lab. Model A3410)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. As needed, except Iodine-131 not to exceed 55.5 gigabecquerels (GBq) (1.5 curies (Ci))</p> <p>D. As needed</p> <p>E. Not to exceed 22.2 GBq (600 millicurie (mCi)) per camera unit</p>
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9. Authorized use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
  - B. Any imaging and localization study permitted by 10 CFR 35.200.
  - C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
  - D. In vitro studies.
  - E. For use in an ADAC Laboratories Vantage Model device for patient attenuation correction during gamma camera imaging.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
16-03657-01

Docket or Reference Number  
030-01748

Amendment No. 58

CONDITIONS

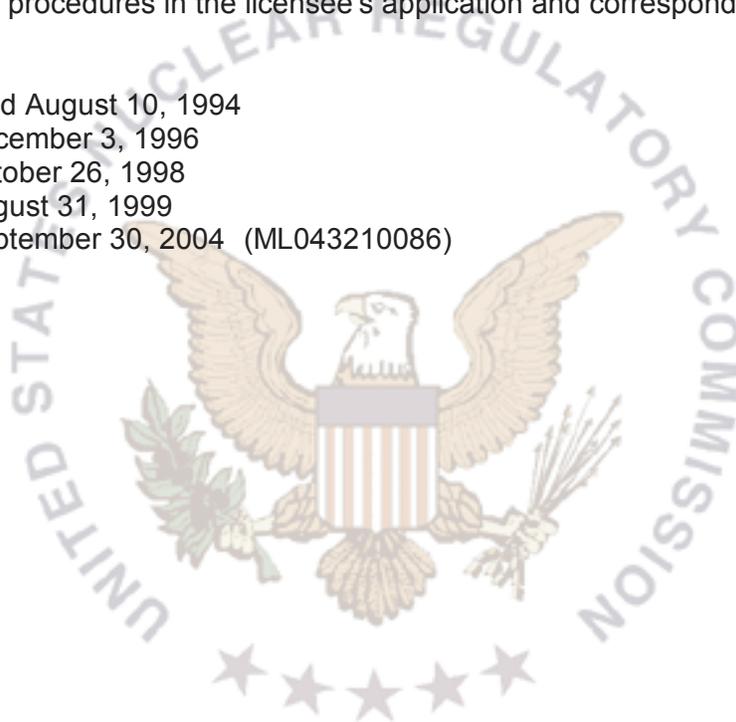
10. Licensed material may be used or stored only at the licensee's facilities located at Ireland Army Community Hospital, Buildings 851 and 1070, Fort Knox, Kentucky.
11. The Radiation Safety Officer for this license is Captain Joshua M. Sperry.
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use as indicated:
- | <u>Authorized Users</u>     | <u>Material and Use</u>               |
|-----------------------------|---------------------------------------|
| Leonard E. Nagorski, M.D.   | 35.100; 35.200; 35.300; 31.11; 35.500 |
| Robert E. Morgan, M.D.      | 35.100; 35.200; 31.11                 |
| Thomas P. Eberle, Jr., M.D. | 35.100; 35.200; 31.11                 |
13. 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 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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15. 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's 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 10, 1994
- B. Letter dated December 3, 1996
- C. Letter dated October 26, 1998
- D. Letter dated August 31, 1999
- E. Letter dated September 30, 2004 (ML043210086)



For the U.S. Nuclear Regulatory Commission

Date December 17, 2004By ***Original signed by Tara L. Weidner***Tara L. Weidner  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 194061415