



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

February 2, 2005

Docket No. 03034108  
Control No. 136389

License No. 29-30291-01

Wade Tenney, DVM  
Radiation Safety Officer  
B.W. Furlong and Associates  
P.O. Box 16  
101 Homestead Road  
Oldwick, NJ 08858

SUBJECT: B.W. FURLONG AND ASSOCIATES, ISSUANCE OF LICENSE AMENDMENT,  
CONTROL NO. 136389

Dear Dr. Tenney:

This refers to your license amendment request. Enclosed with this letter is the amended license.

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.

*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 [pdr@nrc.gov](mailto:pdr@nrc.gov).

Thank you for your cooperation.

Sincerely,

***Original signed by Thomas K. Thompson***

Thomas K. Thompson  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

W. Tenney  
B.W. Furlong and Associates

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Enclosure:  
Amendment No. 5

W. Tenney  
B.W. Furlong and Associates

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DOCUMENT NAME: E:\Filenet\ML050330483.wpd

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OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI			
NAME	TThompson							
DATE								

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**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. <b>B.W. Furlong &amp; Associates</b></p> <p>2. <b>P.O. Box 16, 101 Homestead Road Oldwick, New Jersey 08858</b></p>	<p>In accordance with the application dated <b>February 1, 2005,</b></p> <p>3. License number <b>29-30291-01</b> is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date <b>July 31, 2012</b></p> <hr/> <p>5. Docket No. <b>030-34108</b> Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. <b>Technetium 99m</b></p>	<p>7. Chemical and/or physical form</p> <p>A. <b>Any</b></p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. <b>1000 millicuries</b></p>
<p>9. Authorized use:</p> <p>A. <b>Veterinary treatment of animals.</b></p>		

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**CONDITIONS**  
★ ★ ★

10. A. Licensed material may be used only at the licensee's facilities located at 101 Homestead Road, Oldwick, New Jersey.
11. A. Licensed material shall be used by, or under the supervision of, Wade Tenney, D.V.M.
- B. The Radiation Safety Officer for this license is Wade Tenney, D.V.M.
12. Licensed material shall not be used in or on human beings.
13. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.

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14. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.
15. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 65 days for decay-in-storage before disposal in ordinary trash, provided:
- A. Waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
  - 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 byproduct material was placed in storage, the radionuclides 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.
16. 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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17. 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. 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 March 6, 1996
- B. Letter dated May 30, 1996
- C. Letter dated September 26, 1996
- D. Letter dated January 3, 1997
- E. Letter dated February 8, 2000 (ML003716741)
- F. Letter dated June 30, 2000 (ML003770834)
- G. Letter dated April 12, 2001 (ML011220187)
- H. Letter dated June 11, 2001 (ML011630281)
- I. Letter dated June 28, 2002 (ML 021820362)
- J. Letter dated February 1, 2005 (ML050330219)

For the U.S. Nuclear Regulatory Commission

Date February 2, 2005  
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By

*Original signed by Thomas K. Thompson*

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Thomas K. Thompson  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406