

**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>Licensee</p> <p>1. Enzon, Inc.</p> <p>2. 20 Kingsbridge Road Piscataway, New Jersey 08854-3969</p>	<p>In accordance with the letter dated June 29, 1998</p> <p>3. License number 29-30031-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date August 31, 2008</p> <p>5. Docket No. 030-33428 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen 3</p> <p>B. Carbon 14</p> <p>C. Phosphorus 32</p> <p>D. Phosphorus 33</p> <p>E. Sulfur 35</p> <p>F. Chromium 51</p> <p>G. Iodine 125</p> <p>H. Iodine 131</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any</p> <p>E. Any</p> <p>F. Any</p> <p>G. Any</p> <p>H. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 300 millicuries</p> <p>B. 70 millicuries</p> <p>C. 100 millicuries</p> <p>D. 100 millicuries</p> <p>E. 100 millicuries</p> <p>F. 50 millicuries</p> <p>G. 50 millicuries</p> <p>H. 50 millicuries</p>
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9. Authorized use:

A. through H. Research and development as defined in 10 CFR 30.4; animal studies. 011

**CONDITIONS**

10. Licensed material may be used only at the licensee's facilities at 20 Kingsbridge Road, Piscataway, New Jersey.

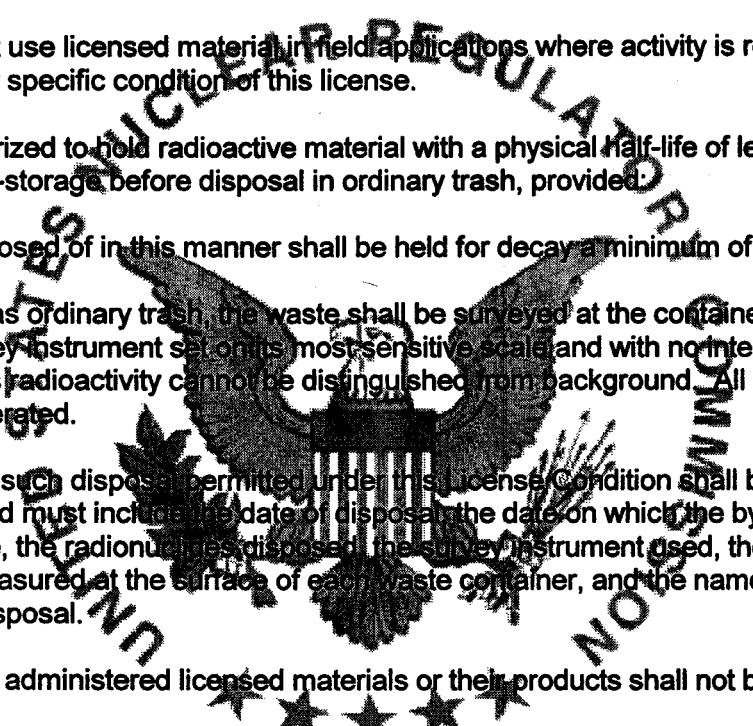
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NMSS/RGNI MATERIALS-001

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
29-30031-01Docket or Reference Number  
030-33128

Amendment No. 02

11. A. Licensed material shall be used by, or under the supervision of, David R. Filpula, Ph.D.
- B. The Radiation Safety Officer for this license is David R. Filpula, Ph.D..
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.
14. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 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 ten 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 three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclide 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.
15. Experimental animals administered licensed materials or their products shall not be used for human consumption.
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- The seal of the U.S. Nuclear Regulatory Commission is centered on the page. It features an eagle with wings spread, perched atop a shield with vertical stripes. The shield is flanked by olive branches and arrows. The words "U.S. NUCLEAR REGULATORY COMMISSION" are written in a circular path around the eagle. At the bottom of the seal are five stars.

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16. 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 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 24, 1993
- B. Letter dated July 30, 1993
- C. Letter dated August 18, 1993
- D. Letter date May 4, 1998
- E. Letter dated June 29, 1998
- F. Letter dated July 7, 1998
- G. Letter dated August 20, 1998
- H. Facsimile received August 25, 1998



For the U.S. Nuclear Regulatory Commission

Date August 25, 1998

By

*Original signed by James M. Bondick*

James M. Bondick  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406