

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. EPL Archives, Inc.</p> <p>2. 45610 Terminal Drive Sterling, Virginia 20166</p>	<p>In accordance with the letter dated August 27, 2008,</p> <p>3. License number 45-25506-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date March 31, 2010</p> <hr/> <p>5. Docket No. 030-35312 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. Calcium 45</p>	<p>7. Chemical and/or physical form</p> <p>A. Radioactive materials bound to grain, fruit, vegetables, grasses, soil, animal tissue, animal bone, or animal fluids. One Kilogram or less samples of tagged material used in the study in either liquid, powder, or solid form.</p> <p>B. Radioactive materials bound to grain, fruit, vegetables, grasses, soil, animal tissue, animal bone, or animal fluids. One Kilogram or less samples of tagged material used in the study in either liquid, powder, or solid form.</p> <p>C. Radioactive materials bound to grain, fruit, vegetables, grasses, soil, animal tissue, animal bone, or animal fluids. One Kilogram or less samples of tagged material used in the study in either liquid, powder, or solid form.</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 200 millicuries</p> <p>B. 800 millicuries</p> <p>C. 15 millicuries</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
45-25506-01

Docket or Reference Number
030-35312

Amendment No. 05

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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 |
| D. Chromium 51 | D. Radioactive materials bound to grain, fruit, vegetables, grasses, soil, animal tissue, animal bone, or animal fluids. One Kilogram or less samples of tagged material used in the study in either liquid, powder, or solid form. | D. 100 millicuries |
| E. Iodine 125 | E. Radioactive materials bound to grain, fruit, vegetables, grasses, soil, animal tissue, animal bone, or animal fluids. One Kilogram or less samples of tagged material used in the study in either liquid, powder, or solid form. | E. 100 millicuries |

9. Authorized use:

A. through E. For storage only as archived samples.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at Building III, 45610 Terminal Drive, Sterling, Virginia.
11. Licensed material shall be used by, or under the supervision of, John B. Davis, CHP, and John F. Ferrell, D.V.M.
12. The Radiation Safety Officer for this license is John B. Davis, CHP.
13. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices 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 radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

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14. 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 February 2, 2000 (ML003680940)
 - B. Letter dated March 27, 2000 (ML003698254)
 - C. Letter dated April 26, 2000 (ML003708130)
 - D. Letter dated November 4, 2004 (ML043210356)
 - E. Letter dated January 30, 2005 (ML050380308)
 - F. Letter dated August 27, 2008 (ML082490736)

For the U.S. Nuclear Regulatory Commission

Date September 9, 2008

By

Original signed by Jenny JohansenJenny Johansen
Materials Security and Industrial Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406