



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

September 21, 2005

Docket No. 030-36499  
Control No. 137534

License No. 01-30362-01

Mark S. Fellows  
Vice President  
Eastern Technologies, Inc.  
P.O. Box 409  
Ashford, AL 36312

SUBJECT: EASTERN TECHNOLOGIES, INC., LICENSE AMENDMENT, CONTROL NO.  
137534

Dear Mr. Fellows:

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).

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, industrial, and academic uses of nuclear material**; then **toolkit index page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by David J. Collins***

David J. Collins  
Health Physicist  
Materials Security and Industrial Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 2

DOCUMENT NAME: E:\Filenet\ML052710267.wpd

**SISP Review Complete: DJC**

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OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI			
NAME	DCollins /DJC/							
DATE	9/21/2005							

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>Licensee</p> <p>1. Eastern Technologies, Inc.</p> <p>2. P.O. Box 409 Ashford, Alabama 36312</p>	<p>In accordance with the letter dated August 18, 2005,</p> <p>3. License number 01-30362-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date November 30, 2014</p> <hr/> <p>5. Docket No. 030-36499 Reference No.</p>
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|---|---|--|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material with atomic numbers 1 through 83</p> <p>B. Any byproduct material with atomic numbers 84 through 102</p> <p>C. Any special nuclear material</p> <p>D. Any source material</p> <p>E. Any byproduct material with atomic numbers 1 through 83</p> <p>F. Plutonium 238</p> | <p>7. Chemical and/or physical form</p> <p>A. Contaminated material and associated waste</p> <p>B. Contaminated material and associated waste</p> <p>C. Contaminated material and associated waste</p> <p>D. Contaminated material and associated waste</p> <p>E. Any</p> <p>F. Any</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 5 curies</p> <p>B. 21 millicuries</p> <p>C. See Condition 12</p> <p>D. 10 kilograms</p> <p>E. 500 millicuries per source and 500 millicuries total</p> <p>F. 100 micrograms and see Condition 12</p> |
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## 9. Authorized use:

- A. through D. For the collection, laundering and decontamination of contaminated clothing and other launderable non-apparel items; for the collection and decontamination of respirators and other such non-launderable non-apparel items that are used in conjunction with a protective clothing program; for the collection and treatment of polyvinyl alcohol-based garments and other polyvinyl alcohol-based non-apparel items; and for the possession of contaminated equipment in the licensee's portable laundry unit.
- E. and F. For the use as reference standards in the calibration of the licensee's instruments.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
01-30362-01Docket or Reference Number  
030-36499

Amendment No. 2

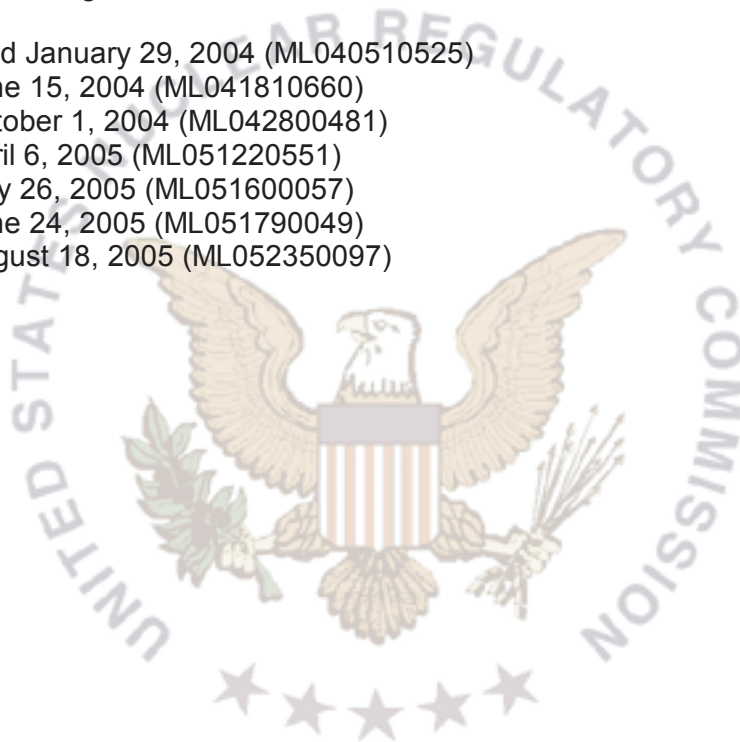
**CONDITIONS**

10. Licensed material may be used only at the licensee's facility located at 3114 Point Township Drive, Northumberland, Pennsylvania except that contaminated items may be picked up, received and possessed in licensee's transportation vehicles.
11. A. Licensed material shall be used by, or under the supervision of, Mark Fellows.  
B. The Radiation Safety Officer for this license is Mark Fellows.
12. Special nuclear material may not be possessed in quantities exceeding 350 grams of contained U-235, 200 grams of U-233, 20 grams of plutonium, or in any combination of them in accordance with the following formula: For each kind of special nuclear material possessed, determine the ratio between the quantity possessed and the quantity specified above for the same kind of special nuclear material. The sum of such ratios for all kinds of special nuclear material in combination shall not exceed unity.
13. The licensee may not receive licensed material until the licensee meets all financial assurance requirements for decommissioning in accordance with 10 CFR 30.35, 40.36, and 70.25 and the U.S. Nuclear Regulatory Commission has approved such financial assurance.
14. This license does not authorize the packaging nor possession of radioactive waste except that generated as a result of the laundering activities performed in the licensee's permanent laundry facility located at 3114 Point Township Drive, Northumberland, Pennsylvania.
15. This license does not authorize the laundering of contaminated items at temporary job sites of the licensee nor at customer facilities except as specifically authorized pursuant to the terms and conditions of specific licenses issued to customers of the licensee by the U.S. Nuclear Regulatory Commission or an Agreement State.
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 January 29, 2004 (ML040510525)
  - B. Letter dated June 15, 2004 (ML041810660)
  - C. Letter dated October 1, 2004 (ML042800481)
  - D. Letter dated April 6, 2005 (ML051220551)
  - E. Letter dated May 26, 2005 (ML051600057)
  - F. Letter dated June 24, 2005 (ML051790049)
  - G. Letter dated August 18, 2005 (ML052350097)



For the U.S. Nuclear Regulatory Commission

Date September 21, 2005

By

***Original signed by David J. Collins***David J. Collins  
Materials Security and Industrial Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406-1415