



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

May 20, 2005

Docket No. 07000314  
Control No. 136178

License No. SNM-296

Bruce E. Peterson  
General Manager  
Ledoux & Company  
359 Alfred Avenue  
Teaneck, NJ 07666-5755

SUBJECT: LEDOUX & COMPANY, LICENSE RENEWAL, CONTROL NO. 136178

Dear Mr. Peterson:

This refers to your request for renewal of your NRC license. Enclosed with this letter is the renewed license. Please review the enclosed document carefully and be sure that you understand all conditions. 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.

The NRC expects licensees to conduct their programs with meticulous attention to detail and high standards of safety and compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your program according to NRC regulations, the conditions of your NRC license, and the representations made in your application. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify the NRC in writing of any change in mailing address.
3. In accordance with 10 CFR 30.36(d), notify the NRC, promptly, in writing, and request termination of the license
  - a) when you decide to terminate all activities involving materials authorized under the license; or
  - b) if you decide not to acquire or possess and use authorized material.
4. Request and obtain a license amendment before you:
  - a) change Radiation Safety Officers;
  - b) order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license; or

- c) add or change the areas of use, or addresses of use identified in the license application or on the license; or
  - d) change the name or ownership of your organization.
5. Submit a complete renewal application or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations.

You will be periodically inspected by the NRC. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and the representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, imposition of a civil penalty, or an order suspending, modifying or revoking your license.

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 available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/who-we-are/governing-laws.html> or 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 Thomas K. Thompson***

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

Enclosure:  
Amendment No. 9

cc:  
Charles Avallone, Radiation Safety Officer

DOCUMENT NAME: G:\Docs\Mailed\Lic Cvr Letter\lsnm-296.136178.05252005.wpd

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OFFICE	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	JNicholson/JJN		TThompson/TKT					
DATE	05/20/2005		05/20/2005					

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 style="text-align: center;">Licensee</p> <p>1. Ledoux &amp; Company</p> <p>2. 359 Alfred Avenue Teaneck, New Jersey 07666-5755</p>	<p>In accordance with the application dated December 20, 2004,</p> <p>3. License number SNM-296 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date May 31, 2015</p> <hr/> <p>5. Docket No. 070-00314 Reference No.</p>
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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 |
| A. Plutonium  | A. Any                                   | A. 1 milligram   |
| B. Uranium 235  | B. Uranium enriched in the isotope U-235 | B. 348 grams   |

9. Authorized use:
- A. Calibration of the licensee's instruments.
  - B. Analysis of samples as a service for others.

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at 359 Alfred Avenue, Teaneck, New Jersey.
- 11. A. Licensed material shall be used by, or under the supervision of Charles A. Avallone, John A. Bryant, or Karl Kivulis.
- B. The Radiation Safety Officer for this license is Charles A. Avallone.
- 12. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

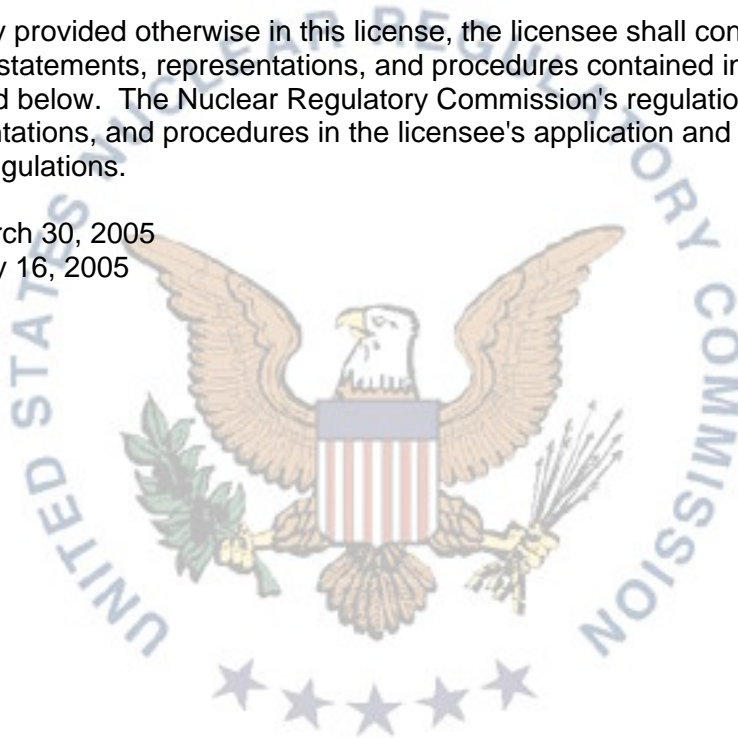
SNM-296

Docket or Reference Number

070-00314

Amendment No. 09

13. The licensee shall not use licensed material in or on human beings except as provided otherwise by specific condition of this license.
14. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
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. 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. Letter dated March 30, 2005
  - B. Letter dated May 16, 2005



For the U.S. Nuclear Regulatory Commission

Date May 20, 2005

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