



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 1/30/07 NUMBER OF PAGES: 7  
(including this page)

SEND TO: JAMES HATTEN

LOCATION: SAHCI for LINCO/MILLIPORE

FAX NUMBER: 815-485-4433  VERIFY BY CALLING SENDER

FROM: COLLEEN CAROL CASEY  
(SENDER)

TELEPHONE NUMBER: 630-829-9841 FAX NUMBER: 630-829-9782

If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE

*If you can let me know the date of your response for items 1 + 2 I can prepare the license documents accordingly & sign them upon receipt of actual response.*  
*If you need to defer response time for item 3, respond by giving me a timeframe, like "30 days" & I can work with that as we discussed & issue what I can now.*

*Thanks,  
Colleen Carol Casey*

NOTICE

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original to the above address, by U.S. Mail. Thank you.

**COLLEEN CAROL CASEY  
MATERIALS LICENSING BRANCH  
UNITED STATES NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD STE 210  
LISLE, ILLINOIS 60532-4352  
OFFICE: (630)-829-9841 FAX: (630) 829-9782 or (630) 515-1259

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<b>CONVERSATION RECORD</b>	TIME	DATE
<b>ACTUALLY FAXED? YES.</b>		<b>January 30, 2007</b>

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NAME OF PERSON(S) CONTACTED	ORGANIZATION	TELEPHONE NO
James Hatten, RSO for Linco/Millipore		1-800-383-0468

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SUBJECT		
License No.: 24-32505-01 terminating		Control No.: 315827
24-26445-01 retained		Control No.: 315826

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**SUMMARY**

We have reviewed your letters dated Nov. 2, 2006; Dec. 18, 2006; and Dec. 27, 2006, requesting an termination and amendment to your byproduct materials licenses and find that we need additional information as follows:

1. Please confirm that the following authorizations on the 24-32505-01 license will be transferred to the 24-26445-01 license: *(copy attached)*
  - A. Authorized users in Condition 11.A .
  - B. Authorization in Subitem No. 9.A.
  - C. Condition No. 10, location of use.
  - D. Condition Nos. 12 and 13.
  - E. Condition No. 16.A. and 16. B. documents.
2. No termination form (NRC Form 314) was submitted with your Nov. 2, 2006 letter, as stated in item 4. Please submit.
3. Please see attached excerpt from NUREG 1556, Vol. 7, Appendix E - please submit responses to items 13, 14 and 15, inclusive.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this record will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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ACTION REQUIRED

**Submit the requested information within 7 calendar days (by Feb. 6, 2007) by referencing control numbers 315826 and 315827 to facilitate proper handling. Or, contact me to arrange an alternative date to respond.**

If we do not receive an adequate response by this date, we may **VOID** the current action without attempting to contact you further and without prejudice to resubmission of your request at a later date. Upon receipt of your response we will reactivate placement of your request in our database and resume our review. Address your written response to my attention at the above address.

PLEASE NOTE THAT A "VOID" IS AN ADMINISTRATIVE PROCEDURE THAT PUTS YOUR AMENDMENT REQUEST "ON HOLD" (TAKES IT OUT OF OUR ACTIVE CASEWORK DATABASE) UNTIL YOU REACTIVATE IT VIA A WRITTEN RESPONSE. IT "BUYS" YOU TIME TO PREPARE A QUALITY RESPONSE AND IS GENERALLY REGARDED AS A "GOOD THING."

**PLEASE DIRECT ANY QUESTIONS YOU MAY HAVE TO ME AT 630-829-9841.**

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NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Colleen Carol Casey



January 30, 2007

Licwater

**MATERIALS LICENSE**

Corrected Copy

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.

Licensee		
1. Linco Diagnostic Services, Inc.		3. License number 24-32505-01
2. 15 Research Park Drive St. Charles, MO 63304		4. Expiration date June 30, 2014
		5. Docket No. 030-36554 Reference No.
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. Iodine-125	A. Any (excluding sealed sources)	A. 500 millicuries

## 9. Authorized Use:

A. Research and development as defined in 10 CFR 30.4.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 15 Research Park Drive, St. Charles, Missouri.

11. A. Licensed material shall be used by, or under the supervision of Nann Green, Ph.D. and/or John Sloan, Ph.D.

B. The Radiation Safety Officer for this license is James Hatten.

12. Licensed material shall not be used in or on humans.

13. The licensee shall not use licensed material in field applications.

14. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material".

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
24-32505-01Docket or Reference Number  
030-30701

Corrected Copy

15. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
- A. Radioactive 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, byproduct material shall be surveyed at the container surface with the appropriate meter 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 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. 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 25, 2004; and
  - B. Letters dated May 7, 2004, and June 7, 2004.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date \_\_\_\_\_

By \_\_\_\_\_  
James R. Mullauer, M.H.S.  
Materials Licensing Branch  
Region III

## Information Needed for Transfer of Control Application

Licensees must provide full information and obtain NRC's *prior written consent* before transferring control of the license; some licensees refer to this as "transferring the license." Provide the following information concerning changes of control by the applicant (transferor and/or transferee, as appropriate). If any items are not applicable, so state.

1. The new name of the licensed organization. If there is no change, the licensee should so state.
2. The new licensee contact and telephone number(s) to facilitate communications.
3. Any changes in personnel having control over licensed activities (e.g., officers of a corporation) and any changes in personnel named in the license such as radiation safety officer, authorized users, or any other persons identified in previous license applications as responsible for radiation safety or use of licensed material. The licensee should include information concerning the qualifications, training, and responsibilities of new individuals.
4. An indication of whether the transferor will remain in non-licensed business without the license.
5. A complete, clear description of the transaction, including any transfer of stocks or assets, mergers, etc., so that legal counsel is able, when necessary, to differentiate between name changes and transferring control.
6. A complete description of any planned changes in organization, location, facility, equipment, or procedures (i.e., changes in operating or emergency procedures).
7. A detailed description of any changes in the use, possession, location, or storage of the licensed materials.
8. Any changes in organization, location, facilities, equipment, procedures, or personnel that would require a license amendment even without transferring control.
9. An indication of whether all surveillance items and records (e.g., calibrations, leak tests, surveys, inventories, and accountability requirements) will be current at the time of transfer. Provide a description of the status of all surveillance requirements and records.
10. Confirmation that all records concerning the safe and effective decommissioning of the facility, pursuant to 10 CFR 30.35(g), 40.36(f), 70.25(g), and 72.30(d); public dose; and waste disposal by release to sewers, incineration, radioactive material spills, and on-site burials, have been transferred to the new licensee, if licensed activities will continue at the same location, or to NRC for license terminations.

APPENDIX E

11. A description of the status of the facility. Specifically, the presence or absence of contamination should be documented. If contamination is present, will decontamination occur before transfer? If not, does the successor company agree to assume full liability for the decontamination of the facility or site?
12. A description of any decontamination plans, including financial assurance arrangements of the transferee, as specified in 10 CFR 30.35, 40.36, and 70.25. Include information about how the transferee and transferor propose to divide the transferor's assets, and responsibility for any cleanup needed at the time of transfer.
13. Confirmation that the transferee agrees to abide by all commitments and representations previously made to NRC by the transferor. These include, but are not limited to: maintaining decommissioning records required by 10 CFR 30.35(g); implementing decontamination activities and decommissioning of the site; and completing corrective actions for open inspection items and enforcement actions.

With regard to contamination of facilities and equipment, the transferee should confirm, in writing, that it accepts full liability for the site, and should provide evidence of adequate resources to fund decommissioning; or the transferor should provide a commitment to decontaminate the facility before transferring control.

With regard to open inspection items, etc., the transferee should confirm, in writing, that it accepts full responsibility for open inspection items and/or any resulting enforcement actions; or the transferee proposes alternative measures for meeting the requirements; or the transferor provides a commitment to close out all such actions with NRC before license transfer.

14. Documentation that the transferor and transferee agree to transferring control of the licensed material and activity, and the conditions of transfer; and the transferee is made aware of all open inspection items and its responsibility for possible resulting enforcement actions.
15. A commitment by the transferee to abide by all constraints, conditions, requirements, representations, and commitments identified in the existing license. If not, the transferee must provide a description of its program, to ensure compliance with the license and regulations.

**Reference:** See the Notice of Availability on the inside front cover of this report to obtain copies. Information Notice 89-25, Revision 1, "Unauthorized Transfer of Ownership or Control of Licensed Activities."

TRANSMISSION VERIFICATION REPORT

TIME : 01/30/2007 13:34  
NAME : USNRC  
FAX : 6308299782  
TEL : 6308299782

DATE, TIME	01/30 13:31
FAX NO./NAME	88154854433
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NRC FORM 386 (R111)  
(4-2004)



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