

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

12-18215-01

Docket or Reference number

030-14668

Amendment No. 14

Lixi, Inc.  
1438 Brook Drive  
Downers Grove, IL 60515

In accordance with letters dated November 16, 1984, November 20, 1984, and December 14, 1984, License Number 12-18215-01 is amended as follows:

Items 6., 7., 8. and 9. are amended to add:  
Subitem 9.C. is amended to read:

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

E. Americium-241

E. Sealed sources  
(Amersham Corp. Model  
No. AMC.17)

E. Not to exceed 375  
millicuries per  
source

9. Authorized Use

C. and E. For storage, use, and/or possession incident to:

- (1) Installation into or removal from Lixiscope Model LS-80-X, LS-82-X, LSM-80-X, and LSM-82-X series devices.
- (2) Repair, servicing, testing, demonstration, and training in the use and operation of Lixiscope devices.
- (3) Leak testing of sealed sources and the performance of radiation surveys of Lixiscope devices and associated facilities.
- (4) Picking up, packaging, and transfer of sealed sources received from customers for transfer to authorized recipients.
- (5) Distribution to veterinarians and other persons authorized to receive the licensed material pursuant to the terms and conditions of specific licenses issued by the Nuclear Regulatory Commission or an Agreement State.

Conditions 10., 12., and 18. are amended to read:

10. A. Licensed material may be used at the licensee's facilities at 1438 Brook Drive, Downers Grove, Illinois.
- B. Activities specified in Subitems 9.C.(2), (3), (4) and (5) and 9.E. (2), (3), (4) and (5) may be conducted at 1438 Brook Drive, Downers Grove, Illinois and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
- C. Licensed material specified in Subitems 6.A., 6.B., and 6.D., may be used at temporary jobsites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material by Bruce Van Pelt or Ed Polz in accordance with procedures specified in letter dated November 16, 1984.

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12. A. Licensed material listed in Subitems 6.A., 6.B., 6.C., and 6.E. shall be used by, or under the supervision and in the physical presence of, Michael J. Garcia, Joseph R. Pascente, Robert J. Savini, Rudolph A. Weisinger, James R. Shaver, Jr., Peter D. Lang, Warren McGonnagle, Bruce Van Pelt, Ed Polz, or any other paid employee or paid consultant designated by the Radiation Protection Officer who has completed the Stan A. Huber Consultants, Inc. training course and/or other applicable training in accordance with letters dated September 13, 1983, September 30, 1983, and December 14, 1983.
- B. Licensed material listed in Subitem 6.D. shall be used by Bruce Van Pelt or Ed Polz.
18. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application received June 12, 1978; and letters dated July 3, 1978, September 22, 1978, February 13, 1979, July 18, 1980, September 19, 1980, February 2, 1981, March 1, 1981, March 3, 1981, March 11, 1981, April 6, 1981, June 12, 1981, July 23, 1981, September 11, 1981, April 1, 1982, September 17, 1982, September 24, 1982, January 28, 1983, February 17, 1983, March 31, 1983, April 12, 1983, August 3, 1983, September 13, 1983, September 30, 1983, December 14, 1983, September 14, 1984 (except Items 1 and 4), November 5, 1984, November 16, 1984 (except storage of devices in motel rooms), November 20, 1984, December 14, 1984, February 25, 1985, June 6, 1985 and July 29, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

For the U.S. Nuclear Regulatory Commission

Date July 31, 1985

Original Signed  
By Bruce S. Mallett  
Materials Licensing Section, Region III

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