

U. S. Nuclear Regulatory Commission

Application for Material License

Mallinckrodt, Inc.

P.O. Box 5840

St. Louis, MO 63134

CONTROL NO. 77677.

RECEIVED  
OCT 24 1984  
REGION III

8501250545 841221  
NMS LIC30  
84-04206-09 PDR

# Mallinckrodt, Inc.

675 McDONNELL BLVD.

P.O. BOX 5840

ST. LOUIS, MO. 63134

(314) 895-2000

October 11, 1984

Dr. Bruce S. Mallett  
Section Chief - Materials Licensing  
U. S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

RECEIVED

Dear Dr. Mallett:

'84 OCT 29 AM 11:48

Mallinckrodt, Inc. hereby makes application for a U. S. NRC material license to possess and demonstrate a device known as a Lixi Lixiscope.

U.S. NRC  
TIC. PEE MGMT. BRANCH

The Lixiscope is manufactured and distributed by Lixi, Inc., Downers Grove, Illinois, under U. S. NRC license numbers 12-18215-01 and 12-18215-01-MD. Lixi, Inc., will amend its 12-18215-01-MD license to include Mallinckrodt, Inc., labels. Lixi will submit the Mallinckrodt, Inc., labels as part of its license amendment.

Devices shipped to Mallinckrodt or to its customers will be labeled with Mallinckrodt, Inc., labels by Lixi, Inc. We do not intend to distribute the devices ourselves. Lixiscopes will be shipped directly to Mallinckrodt customers by Lixi.

These devices will be demonstrated and sold nationally through our Mallinckrodt, Inc., Diagnostics Products Division. Those sales representatives and paid consultants who are listed in the Mallinckrodt, Inc., Lixiscope Registry, will demonstrate the device and train the end-users. Our potential customers include the following:

- o Medical institutions holding broad licenses
- o Group VI licensees
- o Specifically-licensed medical institutions, dentists, physicians, podiatrists, veterinarians and others.

## Exhibit A

Attached as Exhibit A is the Lixi Radiation Safety Training Course. Mallinckrodt, Inc., has adopted this training course for the training of its representatives and paid consultants.

## Exhibit B

The Certificates of Training for Donald W. Soldan and John L. Aitkens, who are listed in this application for license, are attached as Exhibit B.

Mallinckrodt

Bruce S. Mallett

-2-

October 11, 1984

Exhibit C

Policy Guidance Directive FC 83-24 from Richard E. Cunningham dated November 10, 1983, is attached as Exhibit C. We plan to follow this directive when training the end-users.

Enclosed is a check in the amount of \$230 for a new license application in category 3 P. Should you have any questions regarding this application, please contact me at the above address or at (314) 895-2978.

Sincerely yours,

MALLINCKRODT, INC.

*Donald W Soldan*

Donald W. Soldan  
Corporate Radiation Safety Officer

cc: Robert J. Savini, Lixi, Inc.

/bd  
Attach.

CONTROL NO. 77677