



NUCLEAR DIAGNOSTICS, INC.

SPECIALISTS IN NUCLEAR MEDICINE PROCEDURES

29W281 CALUMET
WARRENVILLE, ILLINOIS 60555
(312) 393-2889

February 21, 1985

Bruce S. Mallett, Ph.D., Chief
Materials Licensing Section
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Nuclear Diagnostics, Inc.
Control No. 77914

Dear Mr. Mallett:

The purpose of this letter is to: (a) respond to the ten items that needed clarification per your letter of February 7, 1985, (b) add George Ade Memorial Hospital to our application, and (c) add Sangarappillai Asokan, M.D., as a user on our license.

Item 1. Authorized Users - Min S. Chen, M.D., is listed as a user on the NRC license for Fairbury Hospital, Fairbury, Illinois.

Item 2. Radiation Safety Officer -

a. Charles G. Burchett is the person we will list as the RSO.

b. Enclosed is the curriculum vitae of Charles G. Burchett. His availability is as follows: (1) Will respond to any phone call within 1/2 hour's time; (2) Will be able to get to any of the facilities within a five-hour period of time. In reference to his duties, he will follow the guidelines set in Appendix P of the "Guide for the Preparation of Applications for Medical Programs."

Item 3. - We are applying as an institution. Our Radiation Safety Committee will be composed of Jeffrey P. Jacobsen, President, Nuclear Diagnostics, Inc.; Lynn Dale, M.D., user listed for Shelby Memorial Hospital, Shelbyville,

RECEIVED

FEB 22 1985

REGION III

8506110023 850508
REG3 LIC30
12-24416-01 PDR

Bruce S. Mallett, Ph.D., Chief
Materials Licensing Section
February 21, 1985
PAGE TWO

Illinois; and Charles G. Burchett, RSO. The duties and meeting frequency will be equivalent to those specified in Appendix B of the Regulatory Guide 10.8.

Item 4. Instrumentation -

- a. One Low Level CDV 700 will be available for use at each site.
- b. Our survey procedures will only utilize a CDV 700 survey meter.
- c. Radiation Protection Consultants, Ltd., NRC-12-13370-01, or any NRC-State approved firm will provide calibration service for radiation survey instruments.

Item 5. Facilities -

- a. Nuclear Medicine technologist will have control over entries to areas where scanning procedures are being performed. In addition, warning signs will be posted at room entry points stating "Caution Radioactive Material" Do Not Enter.
- b. Our intention was to have Cole Hospital donate this specific area to NDI. NDI would then be totally responsible for the administrative action of that room. NDI personnel, and not Hospital personnel, will receive, store and remove all radioactive material. Only NDI personnel will have use of that room. Under separate cover you will receive a statement from Robert H. Pierce, Administrator, Cole Hospital, clarifying the idea that they would relinquish the sole administrative responsibilities of said room to NDI.
- c. Enclosed is a diagram of the area where our hot lab will be located.

Bruce S. Mallett, Ph.D., Chief
Materials Licensing Section
February 21, 1985
PAGE THREE

Item 6. Intended Use of Material - All preparation of radiopharmaceuticals will be performed at our base site. This includes all kit preparations and elutions.

Item 7. Ordering and Receipt of Material - Nuclear Medicine technologist will verify that possession limits will not be exceeded before ordering radiopharmaceuticals.

Item 8. - Enclosed is a statement of intent from Central Community Hospital.

Item 9. - Paxton Community - Frank Lesko, M.D., ABR
Gibson Community Hospital - Min S. Chen, M.D., ABR
Dr. John Warner Hospital - Robert Roma, M.D., ABR
Cole Hospital - David Weaver, M.D., ABR
Jarman Memorial Hospital - Frank Lesko, M.D., ABR
Central Community Hospital - Leslie Lindberg, M.D., ABR
Shelby Memorial Hospital - Lynn Dale, M.D., ABR and
Lynn Turner, M.D., ABR
George Ade Memorial Hospital - Ramashandra Gaud, M.D., ABR

Item 10. - All records will be maintained at our base site facility.

---Addition of George Ade Memorial Hospital to our application---

Address: George Ade Memorial Hospital
Indiana Hwy. 16
Brook, Indiana 47922

Administrator: James Harness

User: Ramashandra Gaud, M.D., is listed as a user on the NRC license of Iroquois Memorial Hospital, Watseka, Illinois.

Diagram: Enclosed.

Hospital's Letter of Intention: Enclosed.

Bruce S. Mallett, Ph.D., Chief
Materials Licensing Section
February 21, 1985
PAGE FOUR

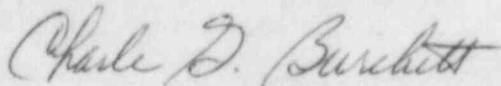
---Addition of Sangarappillai Asokan, M.D., as a user
on our license---

We would like to add Sangarappillai Asokan, M.D., ABR, as
a user on our license. He has been listed as a user on
the NRC license of Augustana Hospital, Chicago, Illinois.

We hope this meets with your satisfaction. If you have
any questions, please contact us as soon as possible.

Sincerely,

NUCLEAR DIAGNOSTICS, INC.

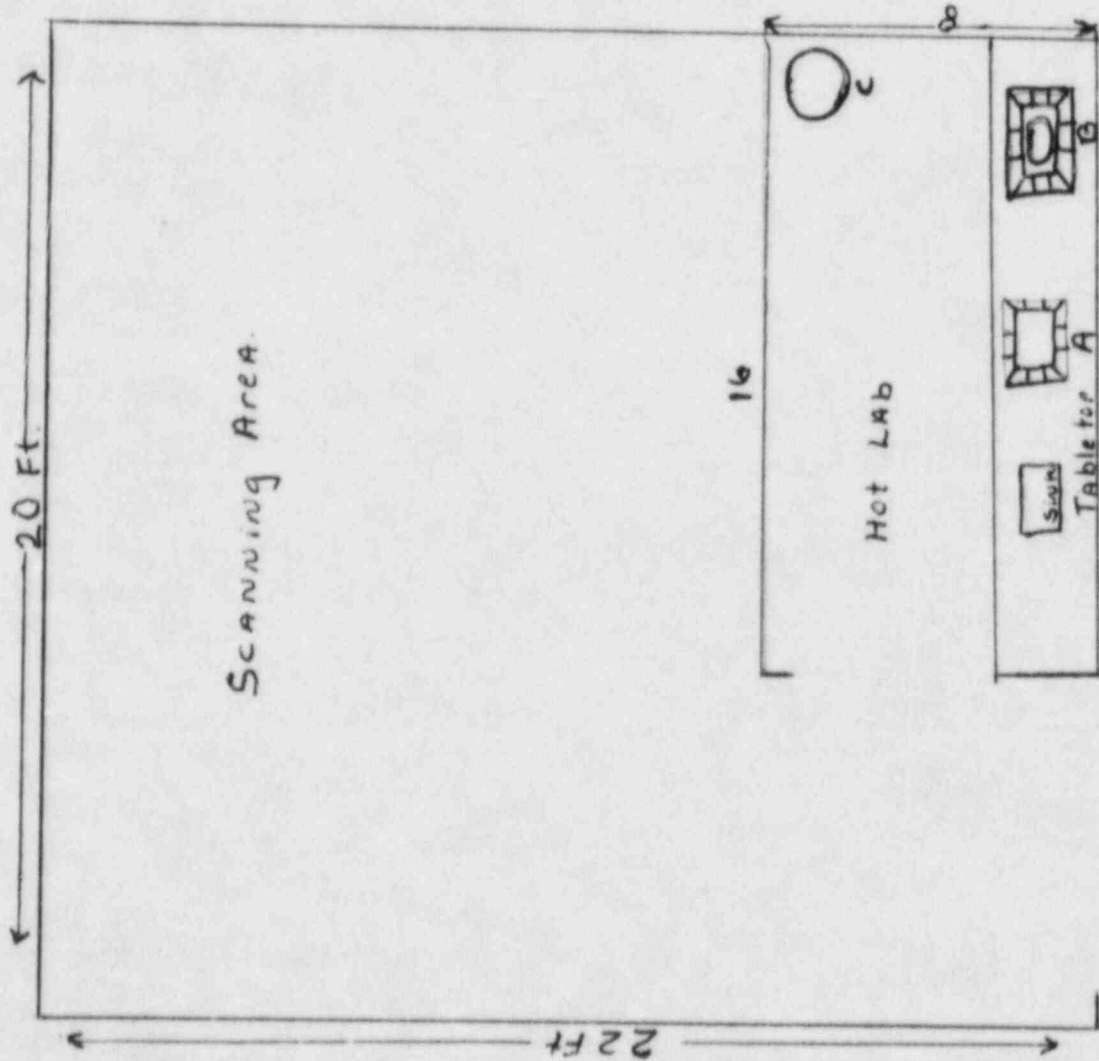


Charles G. Burchett

CGB:cjb
Encls.

Cole Hospital
Champaign, Illinois Room Utilized For Nuclear Medicine.

Outside Wall



STAIRWELL

File Room

See ATTACHED DESCRIPTION
OF Items A, B, C.

COLE HOSPITAL HOT LAB

1. Item listing from diagram of hot lab;

A. Location for drawing doses. Bricks will be 2x4x8
The overall structure will be- 20" in length, 16" deep,
and 8" high.

B. Generator; Bricks used- 2x4x8. The structure will be
20" wide, 16" deep, and 16" high.

C. Storage container

2. The areas monitored, to be read at or below 0.05 mr/hr, will be the following;

- a. scanning area
- b. hot lab
- c. hallway
- d. file room

3. Security:

NDI personnel will be the only people with access to the
Nuclear Medicine room. The hospital security will have keys
to the room, however to be used for emergency purpose only.