DMC
HEALTH CARE CENTERS
WOODLAND

June 8, 1990

United States Nuclear Regulatory Commission
Region III, Office of Materials Licensing
799 Roosevelt Road
Glenn Ellyn, IL 60137

ATTENTION: Robert G. Gattone Jr
Materials Licensing Section
Control No. 89025
NRC License No. 21-13255-01

Dear Mr. Gattone:

Enclosed is the additional information you requested and detailed revision of our facility diagrams of hot lab and decay-in storage room.

1 A.
If we were to go back to using a technetium 99M generator, it would be a fission-moly type, dimensions 3 3/4" in diameter and 9" high. It will be placed in an external shielding, furnished by the manufacturer, which consists of 3/4" lead inter-locking rings with a top and bottom. The appartus mentioned above will be placed behind 2" lead bricks.

B. The storage of refrigerated radiopharmaceuticals will be contained in separate lead shielding, and placed in a refrigerator, used exclusively for radioactive material. This will be located in our hot lab. An appropriate radioactivity sign will be placed on the front of the refrigerator.

Non-refrigerated radioactive material will be placed in separate lead, well labeled shielding and placed behind the lead shield where kits are prepared.

C. Storage of radioactive waste, including decay-in-storage prior to disposal will be located in the basement in a locked room. See enclosed diagram of area.

All generators will be held for at least 60 days, After that time, all shielding will be removed prior to monitoring. Records of these surveys will be maintained, Radiation levels in this area will be surveyed and recorded at least weekly.

2. Enclosed is a copy of our memorandum to the Receiving Dock and security for radioactive package delivery. If you have any questions, please feel free to contact me.

B/3

Sincerely,
Harold J. Daitch, M.D.
Harold J. Daitch, MD
Radiation Safety Officer

RECEIVED
JUN 13 1990
REGION III

WOODLAND-NOVI
41935 W 12 Mile Road
Novi, MI 48050
348-8000

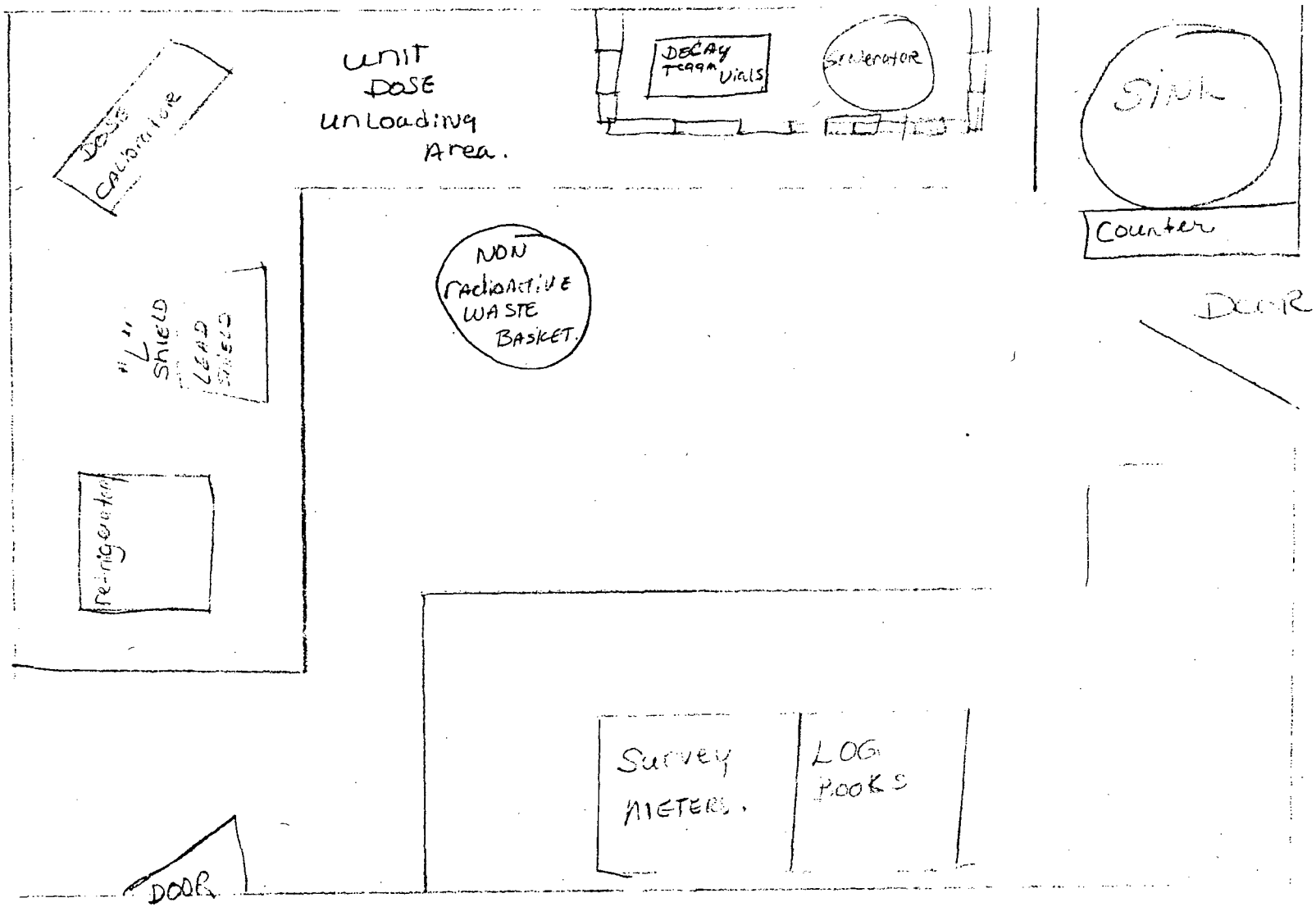
WOODLAND-DETROIT
22341 W 8 Mile Road
Detroit, MI 48219
538-4700

WOODLAND-LIVONIA
29320 Plymouth Road
Livonia, MI 48150
261-9300

WOODLAND-SOUTHFIELD
27207 Lahser Road
Southfield, MI 48034
353-5020

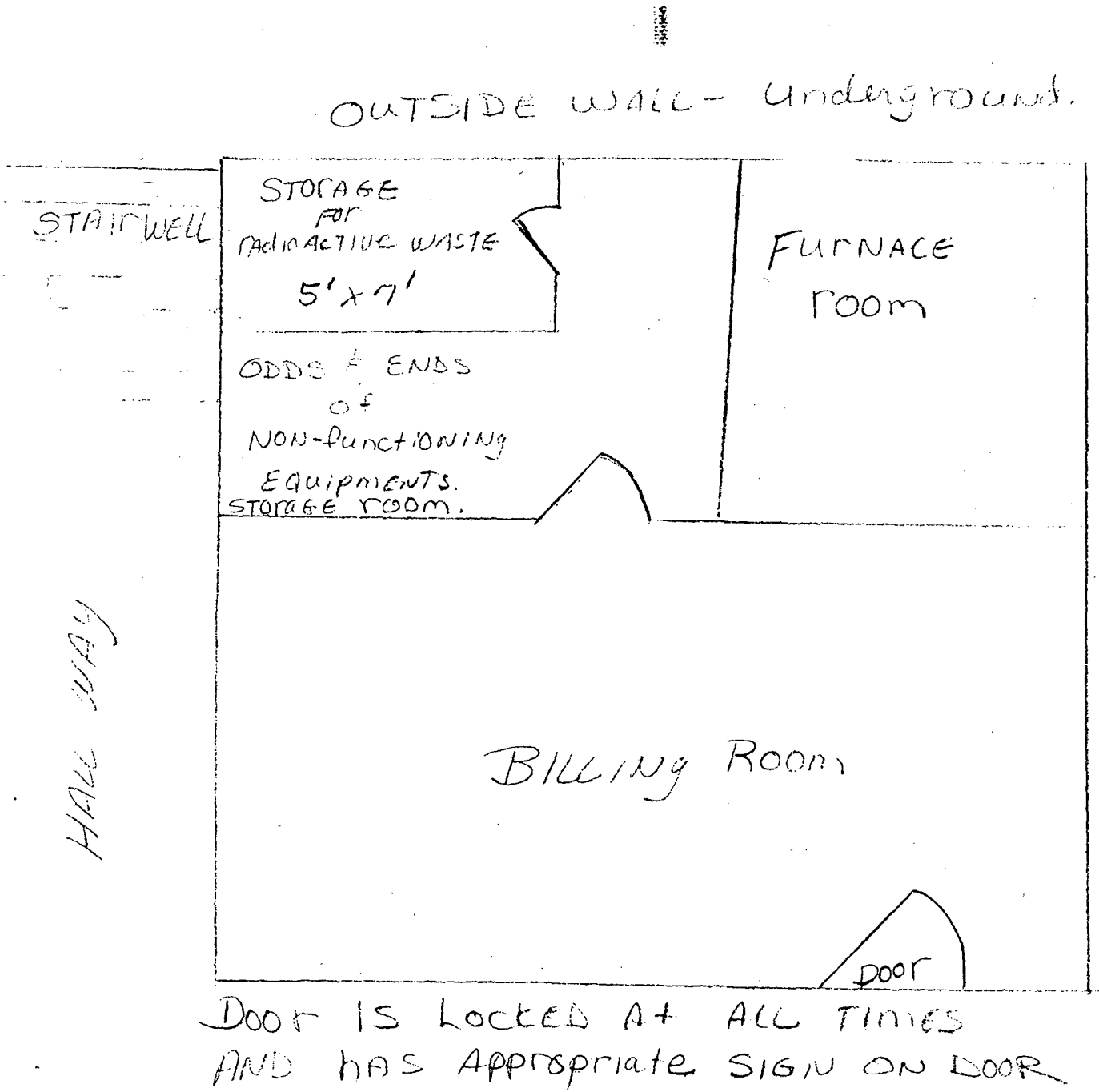
An Affiliate of The Detroit Medical Center

JUN 13 1990



HOT LAB

8-MILE FACILITY



Door is Locked at all times and has Appropriate sign on door

MEMORANDA

Any packages containing radioactive material that arrive between 4:30 pm and 7:30 am shall be signed for by the telephone operator on duty. The security guard on duty will take the package immediately to the Nuclear Medicine Department, unlock the door, place the package on top of the counter immediately to the far right of the door, and re-lock the door.

If the package is wet or appears to be damaged, immediately contact the Radiation Safety Officer. Ask the carrier to remain at the clinic until it can be determined that neither he nor the delivery vehicle is contaminated.

RADIATION SAFETY OFFICER: HAROLD J. DAITCH, M.D.

OFFICE PHONE: 538-4700, ext. 358

HOME PHONE: (b)(6)

Ex 6