

THE MEDICAL CENTER OF DELAWARE

ADDRESS REPLY TO:

DEPARTMENT OF RADIATION THERAPY

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EDWARD TORVIK, Sc.D.
JOSEPH A. ROSE, B.S.E.E.

June 19, 1985

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PH

John E. Glenn, Ph.D., Chief
Nuclear Materials Safety Section B
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Control No.03755

Dear Dr. Glenn:

This letter is in reply to your letter of June 12, 1985 pertaining to our application for amendment to our license No. 07-12153-02. The following is the information you requested:

- 1.a.The radioactive waste storage room is a closet with lock that is located in area denoted by arrow on Fig. 1.
Only Iodine-131 (cancer therapy) contaminated material will be stored in this room.
- b.The only individuals that have a key to this room are:
 1. Chief Nuclear Medicine Technologist
 2. Hospital Security personnel
 3. Maintenance Dept.
- c.The only individual who is authorized to remove material from this storage closet is a representative of the Radiation Safety Office. The status of storage material is ascertained on a monthly basis.
- d.Only very low level iodine contaminated material would routinely be stored in this area. Besides the radiation safety Technologist, only the Nuclear medicine Technologist responsible for decontaminating Iodine-131 patient's room

CHRISTIANA HOSPITAL
4755 OGLETOWN-STANTON ROAD
P.O. BOX 6001
NEWARK, DELAWARE 19718

8507230082 850710
REQ1 LIC30
07-12153-02 PDR

03755
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ML10

JUN 21 1985

A PRIVATE, NOT-FOR-PROFIT, NON-GOVERNMENT HOSPITAL, RECEIVING NO TAX SUPPORT FOR OPERATIONS

John E. Glenn (cont'd)

would enter this room. These individuals have received formal training with respect to handling contaminated material, are monitored with film badge dosimeters. Established radiation safety procedures are reviewed at least annually by all nuclear medicine Technologists and if procedures are changed, these changes are reviewed with all Nuclear Technologists at monthly training sessions.

- e. Maintenance personnel would only enter this room under supervision of a member from the radiation safety office.

Security personnel would only enter this room in case of an emergency, such as fire.

- 2. Gadolinium-153 Bone Mineral Analyzer
Nova Laboratories Model BMC-LAB-22a

The Nova Laboratories bone mineral analyzer is in Room 1064 or 1063. This clinical area is restricted to nuclear medicine personnel and patients undergoing clinical studies. Entrance doors are locked at end of working day. Housekeeping personnel clean up this area on second shift and lock entrance door when through.

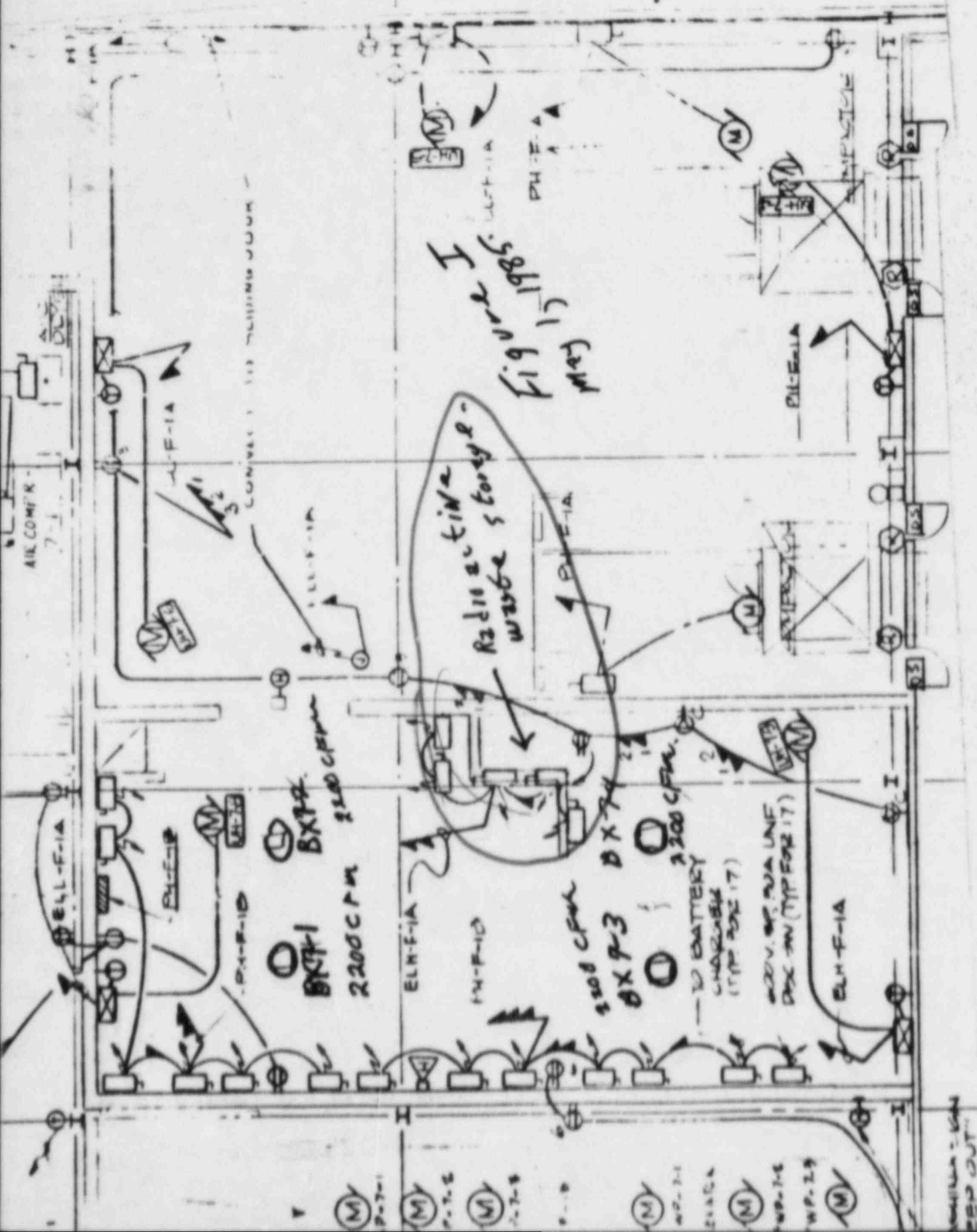
- 3. The physicians that should be authorized to use the Bone Mineral Analyzer are:

- a. Robert L. Meckelnburg, M.D.
- b. Vidya Sagar, M.D.

These two individuals are presently authorized to use the above listed Bone Mineral Analyzer in license No. 07-16167-01.

Yours truly,


Edward Torvik, Sc.D., Physicist



FLOOR PLAN FOR LOW LEVEL RADIOACTIVE WASTE

Height: 8.5 feet (open ceiling)

Depth: 6.25 feet

Width: 3.33 feet

Entrance Door: 6 ft. high, cyclone fence type gate.

concrete
block walls

LOW LEVEL
RADIOACTIVE
STORAGE

Concrete block wall

entrance

SCALE: 1-cm = 10 inches

June 20, 1985

Figure III

Nuclear Medicine Dept.
Floor Plan
Christiana Hospital

