

1/15-DCS



MERCY HOSPITAL

800 MERCY DRIVE

COUNCIL BLUFFS IOWA 51501

November 1, 1979

UNITED STATES NUCLEAR REGULATORY COMMISSION
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

ATTENTION: Samuel L. Pettijohn
Regional Licensing Section
Material Licensing Branch
Division of Fuel Cycle and
Material Safety

Dear Mr. Pettijohn,

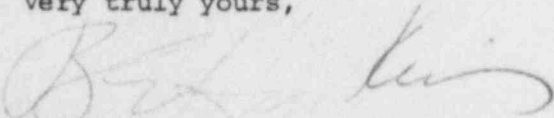
This letter is in response to your October 26, 1979 notice, Control Number 02360.

→ Attached are duplicate copies of Items 11 and 15 which have been changed to contain the supplementary information requested by you -- namely:

1. Item 11 now indicates that radiopharmaceutical preparation is performed behind the lead-shielder L-block which is located between the Mo-99/Tc-99m generator storage and elution area and the dose calibrator. A refrigerator for cold storage of biologic kits has been added next to the bench top area, which is now used for placement of various containers.
2. Item 15, Number 4, requires the use of syringe shields. The remainder of Item 15 is unchanged from the September 26, 1979 application.

Thank you for your prompt attention in reviewing the supplementary information and for issuing the radioactive material license.

Very truly yours,


Bruce E. Hopkins
Hospital Administrator

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PUBLIC CORRIDOR

PUBLIC
CORRIDOR

Lead-shielded
Waste
Storage
Bin

Refrigerator

HOT LAB.

Bench top

Dose
Calibrator

Lead-shielded
L-Block with

NOTE: Radiopharmaceutical L-Block with

preparation is per- Leaded glass

formed behind the . Lead-shielded

Mo-99/Tc-99m

L-block.

Generator

Storage &

Elution

Area

Desk

IMAGING ROOM

Imaging
Camera

Closet

Sink

RESTRICTED AREA CORRIDOR

GENERAL RULES FOR THE SAFE USE OF RADIOACTIVE MATERIAL

1. Wear laboratory coats or other protective clothing at all times in areas where radioactive material are used.
2. Wear disposable gloves at all times while handling radioactive materials.
3. Monitor hands and clothing for contamination after each procedure or before leaving the area.
4. Use syringe shields for preparation of patient doses and administration to patients except in circumstances such as pediatric cases when their use would compromise the patient's well-being.
5. Do not eat, drink, smoke, or apply cosmetics in any area where radioactive material is stored or used.
6. Assay each patient dose in the dose calibrator prior to administration. Do not use any doses that differ from the prescribed dose by more than 10%.
7. Wear personnel monitoring devices (film badge or TLD) at all times while in areas where radioactive materials are used or stored. These devices are to be worn at the chest or waist level.
8. Wear TLD finger badges during elution of generator and preparation, assay, and injection of radiopharmaceuticals.
9. Dispose of radioactive waste only in specially designated receptacles.
10. Never pipette by mouth.
11. Survey generator, kit preparation, and injection areas for contamination after each procedure or at the end of the day. Decontaminate if necessary.
12. Confine radioactive solutions in covered containers plainly identified and labeled with name of compound, radionuclide, date, activity, and radiation level, if applicable.
13. Always transport radioactive material in shielding containers.