



NORTH ADAMS REGIONAL HOSPITAL
NORTH ADAMS, MASSACHUSETTS • 01247

Telephone (413) 663-3701

August 1, 1985

Division of Fuel Cycle & Material Safety
USNRC
Washington, D.C. 20555

Gentlemen:

This is in reference to NRC license #20-13682-01. The facility is Nuclear Medicine hot lab at North Adams Regional Hospital. Due to hospital construction, the hot lab location is to be changed.

Prior to release of premises, i.e. hot lab for unrestricted use, a comprehensive radiation survey was taken of current hot lab to establish that radiation levels are within accepted limits. 99mTc Generator Pigs were removed from shelf and stored behind lead when surveying counter space.

All counters above and below work shelf were readings of less than 2.5 mr/hr..

Work shelf itself was less than 2.5 mr/hr..

Refrigerator which is lead lined, was surveyed from outside surface and was less than 2.5 mr/hr..

Air duct in ceiling was less than 2.5 mr/hr..

Walls and floor were also less than 2.5 mr/hr..

Dose calibrator well and surface were less than 2.5 mr/hr..

A Picker survey meter (CDV-700) was used to conduct this survey

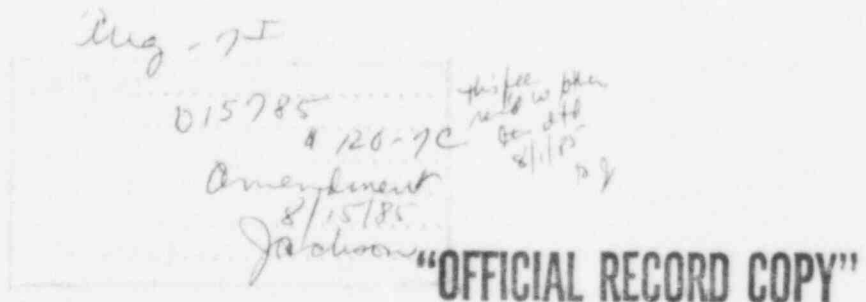
All inventories of radiation source including calibration have been accounted for.

Wipe tests were taken of various work areas and floor surfaces and all were less than 100 cpm above background. These were measured in a Beckman DP5500 Gamma counter.

Sincerely,

R. W. Currie, M.D.
Department of Nuclear Medicine

RWC/bl



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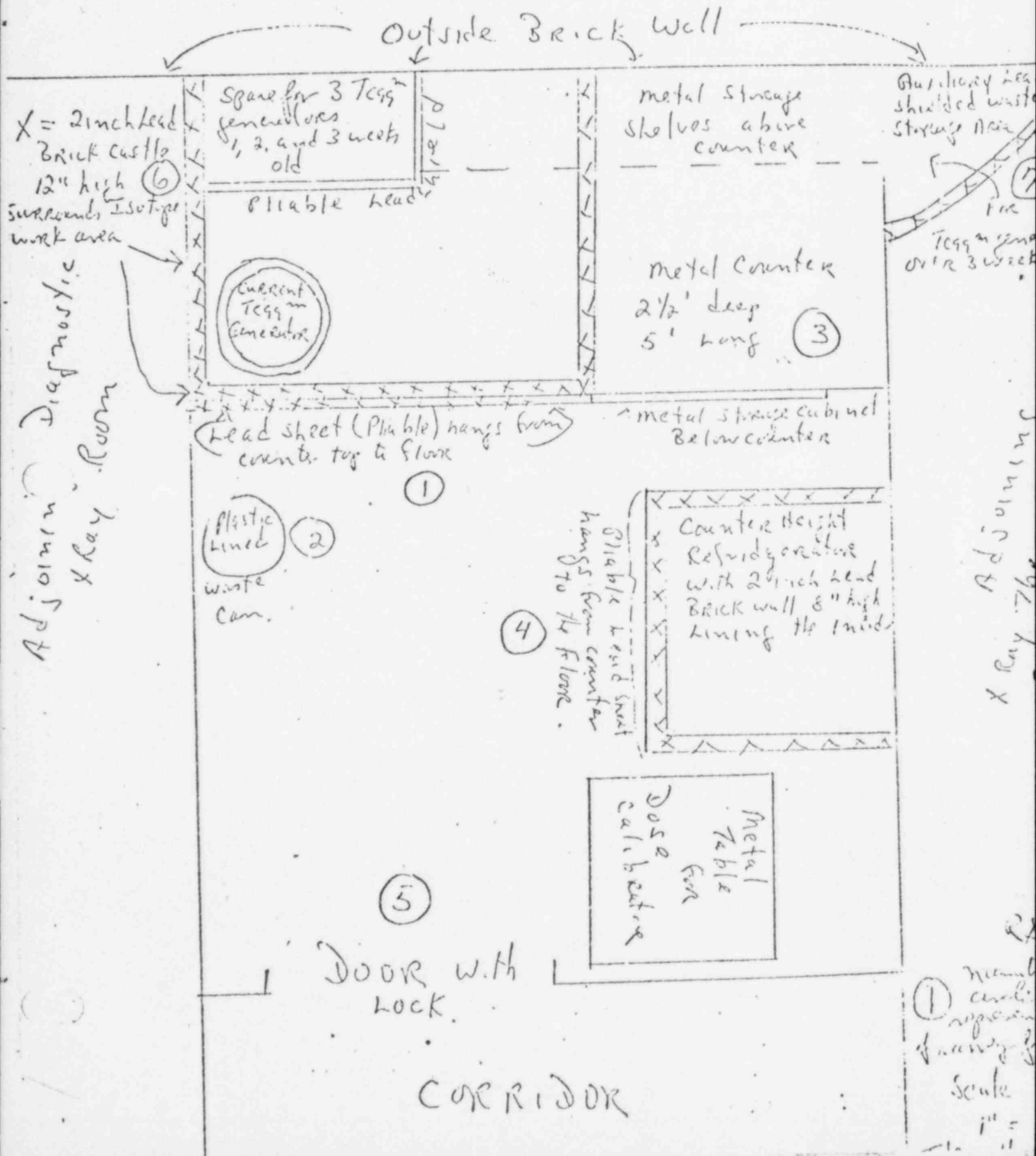
"Serving Northern Berkshire County Since 1884"

AUG 05 1985

1/18/81

Detail Drawing of Radioisotope Storage and Preparation area

Radiology Dept.



Radiology Dept.

Diagnostic
+ Exam Room

CORRIDOR

Sink Toilet
Patient
Bathroom

Moving current
hot lab from here
to this location. → Corridor to
Isotope
Storage and
Preparation Room

9

8

Storage for
collimators
Sink
Counter &
Storage
Cabinet Below

Gamma
Camera

Gamma
Camera
Console

+ Exam
Preparation Room

CORRIDOR

Fire
Exit
Door
opens from
inside only

Outside Wall

8) Number in Circle are
points of survey for section 17
Scale 1/4" = 1'

North Adams Regional Hospital
North Adams Mass
01047

Corridor

Corridor

Nuclear
medicine
imaging
Room.

Chief
Tech's Office

Active 99mTc Generator
surrounded by Lead
Bricks

EXIST. DOOR W/
NEW HARDWARE-SEE SCHEDULE

REMOVE EXISTING
DOOR AND FRAME - INFILL
W/METAL STUDS $\frac{3}{8}$ " G.W.B.
REPAIR EXIST. WALL AS REQ'D FOR NEW CERAMIC T
TO MATCH EXISTG CONDITIONS

INSTALL NEW COUNTER &
WALL SHELVING. PROVIDE
REQUIRED BLOCKING

A
1
2
HOT LAB

Dose
Calibrator Refrigerator
on metal stand

EXIST. LEAD GLASS WINDOW TO BE REMOVED AND
RETAINED BY HOSPITAL.

Corridor

REMOVE EXIST. PLUMBING FIXTURES
AND CONCEAL PLUMBING LINES -

REMOVE EXIST. COUNTER, GUARD AND PATCH -

NEW PARTITION OF $\frac{3}{8}$ "
METAL STUDS W/ $\frac{3}{8}$ " G.W.B.
REPAIR EXIST. WALL AS REQ'D
FALL PARTITION TO STRUCTURE ABOVE
INSTALL FLOORING

INSTALL $\frac{3}{8}$ " G.W.B.
W/ $\frac{1}{4}$ " METL. FLOORING

$\frac{1}{16}$ " LEAD SHIELDING IN
DOOR, WALLS AND DOOR
FRAME

NEW PARTITIONS OF $\frac{3}{8}$ "
METAL STUDS W/ $\frac{3}{8}$ " G.W.B. INSTALL
PARTITION TO STRUCTURE ABOVE.
REPAIR EXIST. WALLS AS REQ'D.

