



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
UNITED STATES ARMY MEDICAL DEPARTMENT ACTIVITY  
7950 MARTIN LOOP  
FORT BENNING GEORGIA 31905-5637

MCXB-PM-H

*Br. 1*  
*030-01351* 09 May 2014

MEMORANDUM FOR Nuclear Regulatory Commission (NRC), ATTN: Penny Lanzisera,  
Medical Branch, Division of Nuclear materials Safety, Region I, King of Prussia, PA, 19406-  
1415

SUBJECT: Amendment of Addition of License Material use Area to NRC License 10-06493-02

1. This memorandum addresses the changes required by the NRC in order to update Martin Army Community Hospital's (MACH) NRC License 10-06493-02.
2. The purpose of the amendment is due to Army's planned transition to new location of Martin Army Community Hospital.
3. Effective as of 01 October 2014, Martin Army Community Hospital, United States Army Medical Department Activity, Fort Benning, GA 31905 will be relocated.
4. Please amend license number 10-06493-02 to allow the use of licensed material in the following locations in addition to those locations currently approved by the license:
  - a. Nuclear Medicine
  - b. The Radioactive Waste Storage Area
5. Enclosed is an annotated drawing of Nuclear Medicine Section and the Radioactive Waste Storage Area, Martin Army Community Replacement Hospital, and the list of available equipment, which are being used
6. Added areas of licensed materials use at Martin Army Community Replacement Hospital, where byproduct materials are used in accordance with either 35.100 or 35.200.
7. The point of contact for this memorandum is CPT Steven S. Cho, Chief, Health Physics, at 706-544-2458.

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COL, MS  
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NMSS/RGMI MATERIALS-002

RECD "LAS" 05/16/2014

## NUCLEAR MEDICINE

Nuclear Medicine Services is located on the first floor of Martin Army Community Replacement Hospital.

1L51- "Cold" waiting area- patients are brought to the cold waiting after checking in at the main radiology reception (1N13). This is the waiting area for patients before they are dosed

1L51A & 1L51B- Dressing rooms

1L53- "Cold" Toilet

1L54- Densitometer- Bone density scanning room: contains a scanner, bone density, full body.

1L55- CT control room- contains the control equipment for the Spect CT scanner in room 1L56

1L56- Spect CT Scanning- contains Spect CT scanner, CT injector

1L57- Thyroid Uptake Room- this room is assigned to use isotopes to study problems of the thyroid gland. It contains a System Uptake, Thyroid, and an exam chair

1L58- Stress Test Room- contains a treadmill, ergometer, upperbody

1L62, 1L61 and 1L63 are Administrative Offices

1L71- Soiled Utility Room

1L72- Dosing Room

1L73- RadioPharmacy- this room is for the storage, preparation and dispensing of radiopharmaceuticals: this room contains Flood source- Cobalt, two fume hoods for radioisotopes, a gamma counter, lead-lined storage cabinets

1L73A- Radioactive Waste Storage Room- Contains two lead-lined cabinets to store radioactive waste, until the radiation is low enough to be taken to the haz-mat building

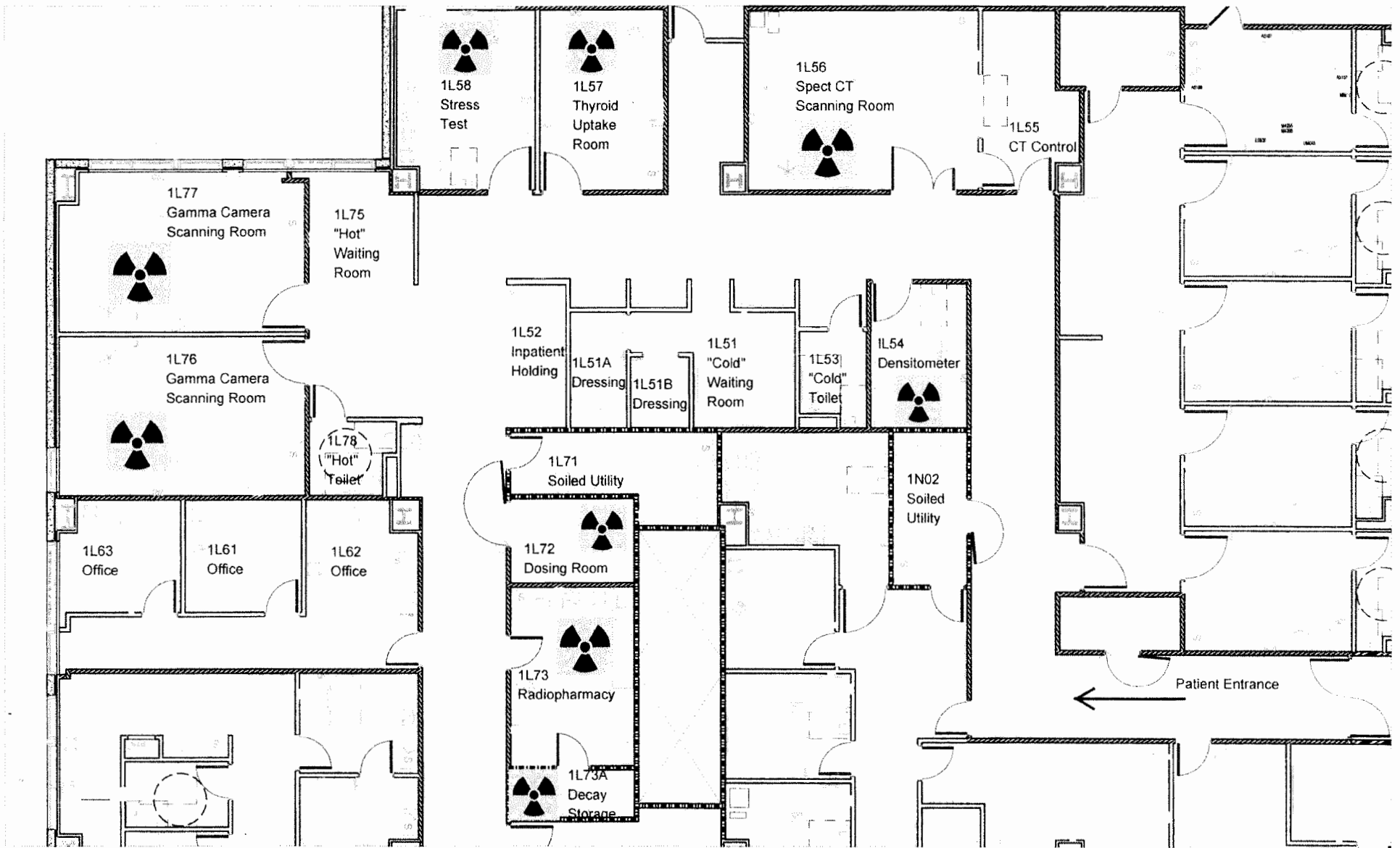
1L75- "Hot" waiting area- this is where patients will wait after they are dosed

1L76- Gamma Camera Scanning- contains a Scanner, nuclear, SPECT, Dual head, with a computer workstation

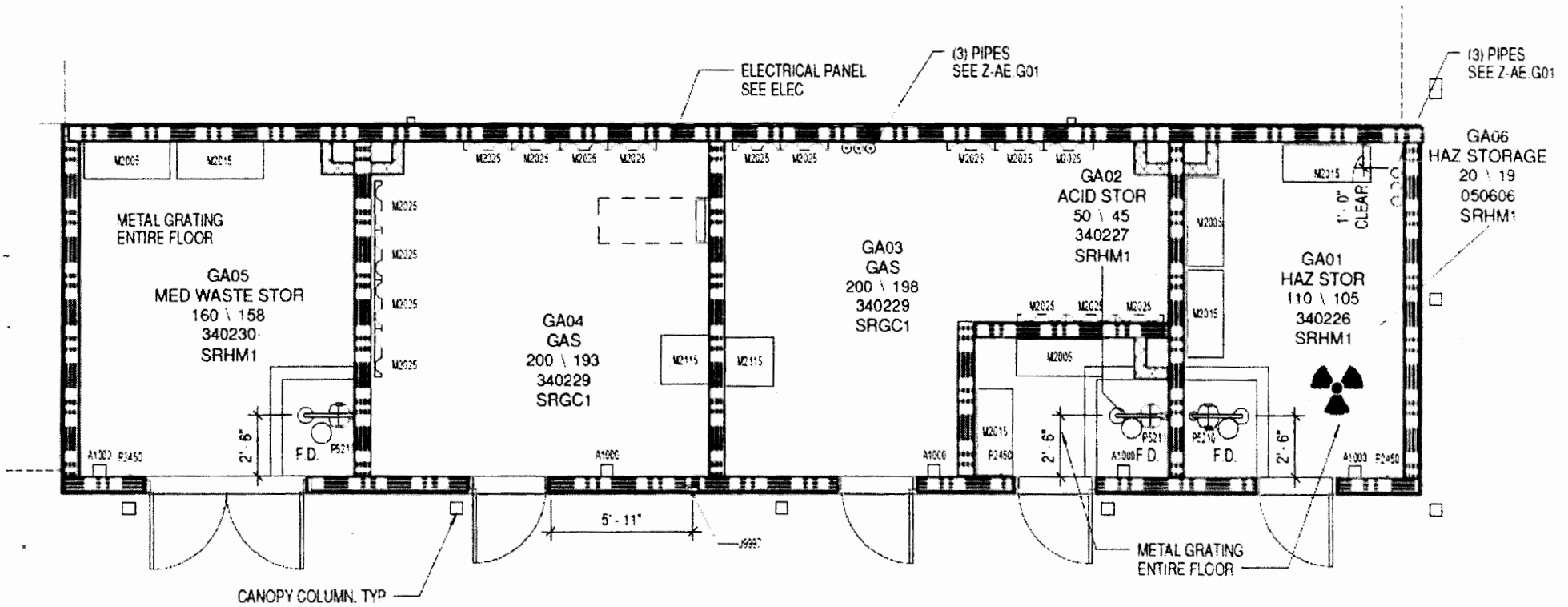
1L77- Gamma Camera Scanning- contains a Scanner, nuclear, SPECT, Dual head, with a computer workstation

1L78- "Hot" Toilet- for the use of patients who have already been dosed

Patients will enter through Corridor 1N10, and exit through either 1N10 or 1L70



Nuclear Medicine Facilities, Martin Army Replacement Hospital, Ft Benning, GA



JT PLAN -

# Hazmat Building-Radioactive Waste Storage

Equipment Lists for Nuclear Medicine Rooms

1L54- Densitometer

JSN	Nomenclature	Manufacturer/ Model No.	Qty	Room Number	Room Name	LogCat	BIN
X2120	Scanner, Bone Density, Full Body	GE Lunar iDXA	1	1L54	DENSITOMETER	C	Medical
			Total Items: 10				

1L56-SPECT CT Scanning

JSN	Nomenclature	Manufacturer/ Model No.	Qty	Room Number	Room Name	LogCat	BIN
UM045	Waste Can, Bio-Hazardous		1	1L56	CT SCAN	C	Non-Medical
UM017	Disposal, Sharps, Lead Lined	Biodex Medical Systems/039-326 high energy	1	1L56	CT SCAN	C	Medical
X3155	Rack, Apron/Gloves, Mobile	Techno-aide/ARM-G60	1	1L56	CT SCAN	C	Medical
X6240-R-021649W33BRA	Radiographic Unit, Computerized Tomography (CT)	Siemens/Truepoint(Relocation from current facility)	1	1L56	CT SCAN	F	Reuse
			Total Items: 19				

1L73- Radiopharm

JSN	Nomenclature	Manufacturer/ Model No.	Qty	Room Number	Room Name	LogCat	BIN
L2191	Calibrator, Radioisotope	Capintec/CRC 25R	1	1L73	RADIOPHARM	C	Medical
L2270	Hood, Fume, Radioisotope	HEMCO Laboratory Planning Solutions	1	1L73	RADIOPHARM	A	Medical
L2275	Hood, Fume, Radioisotope, Bench, w/Glovebox	Containment Technologies Group/ MIC Single	1	1L73	RADIOPHARM	A	Medical
L9840-R-020614W33BRA	Counter, Gamma, RIA, Manual	PerkinElmer 2470	1	1L73	RADIOPHARM	R	Reuse
UM017	Disposal, Sharps, Lead Lined	Biodex Medical Systems/039-326 high energy	1	1L73	RADIOPHARM	C	Medical
UM048	Waste Can, Lead-lined	Biodex Medical Systems/039-106	1	1L73	RADIOPHARM	C	Non-Medical
UM073	Cabinet, Storage, Clinical, Lead Lined	Lead Lined Laboratory Furniture/244-140	1	1L73	RADIOPHARM	C	Medical
X9320	Shield, L Block, Radium Handling	Biodex Medical Systems/042-216	1	1L73	RADIOPHARM	C	Medical
UM019	Flood Source, Cobalt	Eckert & Ziegler/MED3709	1	1L73	RADIOPHARM	C	Medical
			Total Items: 15				

1L73A- Decay Storage

JSN	Nomenclature	Manufacturer/ Model No.	Qty	Room Number	Room Name	LogCat	BIN
UM073	Cabinet, Storage, Clinical, Lead Lined	Lead Lined Laboratory Furniture/244-140	2	1L73A	Decay Storage (NMDS1)	C	Medical
			Total Items: 2				

1L76- Gamma Camera Scanning

JSN	Nomenclature	Manufacturer/ Model No.	Qty	Room Number	Room Name	LogCat	BIN
UM017	Disposal, Sharps, Lead Lined	Biodex Medical Systems/039-326 high energy	1	1L76	SCANNING	C	Medical
UM045	Waste Can, Bio-Hazardous	Rubbermaid/6143	1	1L76	SCANNING	C	Non-Medical
X9830	Scanner, Nuclear, SPECT, Dual Head	Siemens. Symbia S Series	1	1L76	SCANNING	C	Medical
			Total Items: 22				

1L77- Gamma Camera Scanning

JSN	Nomenclature	Manufacturer/ Model No.	Qty	Room Number	Room Name	LogCat	BIN
UM017	Disposal, Sharps, Lead Lined	Biodex Medical Systems/039-326 high energy	1	1L77	SCANNING	C	Medical
X9830	Scanner, Nuclear, SPECT, Dual Head	Siemens.Symbia S Series	1	1L77	SCANNING	C	Medical
UM045	Waste Can, Bio-Hazardous	Rubbermaid/6143	1	1L77	SCANNING	C	Non-Medical
			Total Items: 23				