



DEPARTMENT OF THE ARMY  
HEADQUARTERS DWIGHT DAVID EISENHOWER ARMY MEDICAL CENTER  
FORT GORDON GEORGIA 30905-5650



HSHF-HP (385-11m)

EGW 8/31/92  
C. HESBY  
FILE 10-12044-03  
10 AUGUST 1992

MEMORANDUM FOR US Nuclear Regulatory Commission, Region II, 101  
Marietta Street, N.W., Suite 3100, Atlanta,  
Georgia 30303

SUBJECT: Designation of New Use and Storage Areas

1. IAW our Nuclear Regulatory Commission (NRC) License, Number 10-12044-03, this organization is authorized to designate new use and storage areas at Eisenhower Army Medical Center, without prior approval of the NRC, subject to conditions of our letter dated 15 March, 1991. One such condition is that the Region II Office of the NRC be provided written details of the new use and storage areas in an expeditious manner.
2. On 29 July, 1992, this institution's Radiation Safety Committee reviewed and approved the designation of new storage, hot lab, and clinical imaging areas for Nuclear Medicine (see enclosure). Decommissioning activities for areas currently performing these functions will be conducted at a later date and the NRC will be provided the opportunity to conduct a confirmatory close-out survey prior to release as an unrestricted area. Provided for your information are the areas schematics and the information detailing the new use and storage areas.

FOR THE COMMANDER:

Encl

ROBERT W. PRIOR  
Chief, Administrative Services

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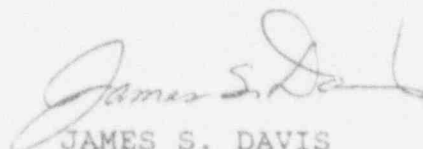
28 July 1992

MEMORANDUM FOR Chairman, Radiation Safety Committee

SUBJECT: Nuclear Medicine Commissioning of Hot Lab and Imaging Area

1. The following evaluation was performed by SFC Mark H. Light, Health Physics Office in order to determine the dose and extent of radiation risk from the procedures involved; and to ensure that the commissioning activities are conducted IAW NRC, Army, and EAMC regulations.
2. The average ambient radiation levels for areas adjacent to the current Hot Lab are less than 0.5 mR/hr. With the addition of lead lining to the proposed Hot Lab, Injection, and Waste Storage Areas radiation levels are expected to remain far less than 2 mR/hr or 100 mR in any seven consecutive days. Therefore surrounding areas, outside of Nuclear Medicine, will not be designated as restricted.
3. All locks allowing access to Waste Storage, Hot Lab, Injection, and Imaging areas will be secured when not occupied.
4. Prior to the removal of equipment (cabinets, fume hoods, etc.) from the current Nuclear Pharmacy, the Health Physics Officer will be contacted to insure that material removed is surveyed and decontaminated as necessary. In addition, no use of the fume hood is authorized until face velocity is verified and found to meet regulatory requirements.
5. Posting of the new facilities (Caution: Radioactive Materials and Radiation Area) will be the same as the old facilities and will be inspected by Health Physics prior to authorization for transfer of radioactive materials.

Encl



JAMES S. DAVIS  
LTC, MS  
C, Health Physics

21 July 1992

MEMORANDUM FOR Chairman, Radiation Safety Committee

SUBJECT: Nuclear Pharmacy Commissioning/Decommissioning Activities

1. The request attached as enclosure has been reviewed by the Health Physics Office in order to determine the dose and extent of radiation risk from the procedures involved; and to ensure that the commissioning/decommissioning activities are conducted IAW NRC, Army, and EAMC regulations.

2. The request for commissioning/decommissioning is forwarded for approval subject to the following conditions of NRC License Number 10-12044-03:

a. All proposed storage or use areas will be reviewed and approved by the Radiation Safety Committee prior to utilization.

b. The expected radiation levels for the proposed locations will be assessed by calculation and/or experience with other similar areas.

c. Areas will be designated as restricted if exposure rate is greater than 2 mR/hour or 100 mR in any seven consecutive days.

d. Access to storage and use areas will be restricted and the area will be secured from unauthorized entry.

e. Appropriate measures will be taken to maintain radiation exposure levels to adjacent areas at unrestricted levels.

f. All personnel frequenting or working in a designated restricted area will be provided annual training as specified in 10 CFR 20 and will be provided dosimetry devices for area and personnel monitoring whenever the potential exists for dose rates to exceed 25 percent of the allowable limit. Additionally, all documents required in 10 CFR 19 will be posted.

g. The designated areas and all radioactive materials stored or used in the designated area will be properly labeled in compliance with 10 CFR 20.

h. Designated areas will be surveyed for ambient radiation exposure and radioactive contamination on a daily frequency and swipe tests for radioactive contamination on a weekly basis or more frequently if so designated by the Radiation Safety Committee.

i. All other applicable provisions of 10 CFR parts 19, 20, and 35 as well as Army and Institutional regulations will apply.

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SUBJECT: Nuclear Pharmacy Commissioning/Decommissioning Activities

j. Close out decontamination surveys will be performed on all current radioactive materials use/storage areas prior to redesignation as unrestricted areas. Procedures as outlined in "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for By-product, Source, or Special Nuclear Material", USNRC, August 1987, will be followed. No area will be released for unrestricted use until such time as the NRC has either conducted a confirmatory survey of the area or declined to do so.

k. The Region II Office of the NRC will be provided written details of the new use or storage areas in an expeditious manner.

Encl

*Chas. T. H. [Signature], ARPO*  
for JAMES S. DAVIS  
LTC, MS  
C, Health Physics

30 June 1992  
DK/2745


THRU: Health Physics Officer

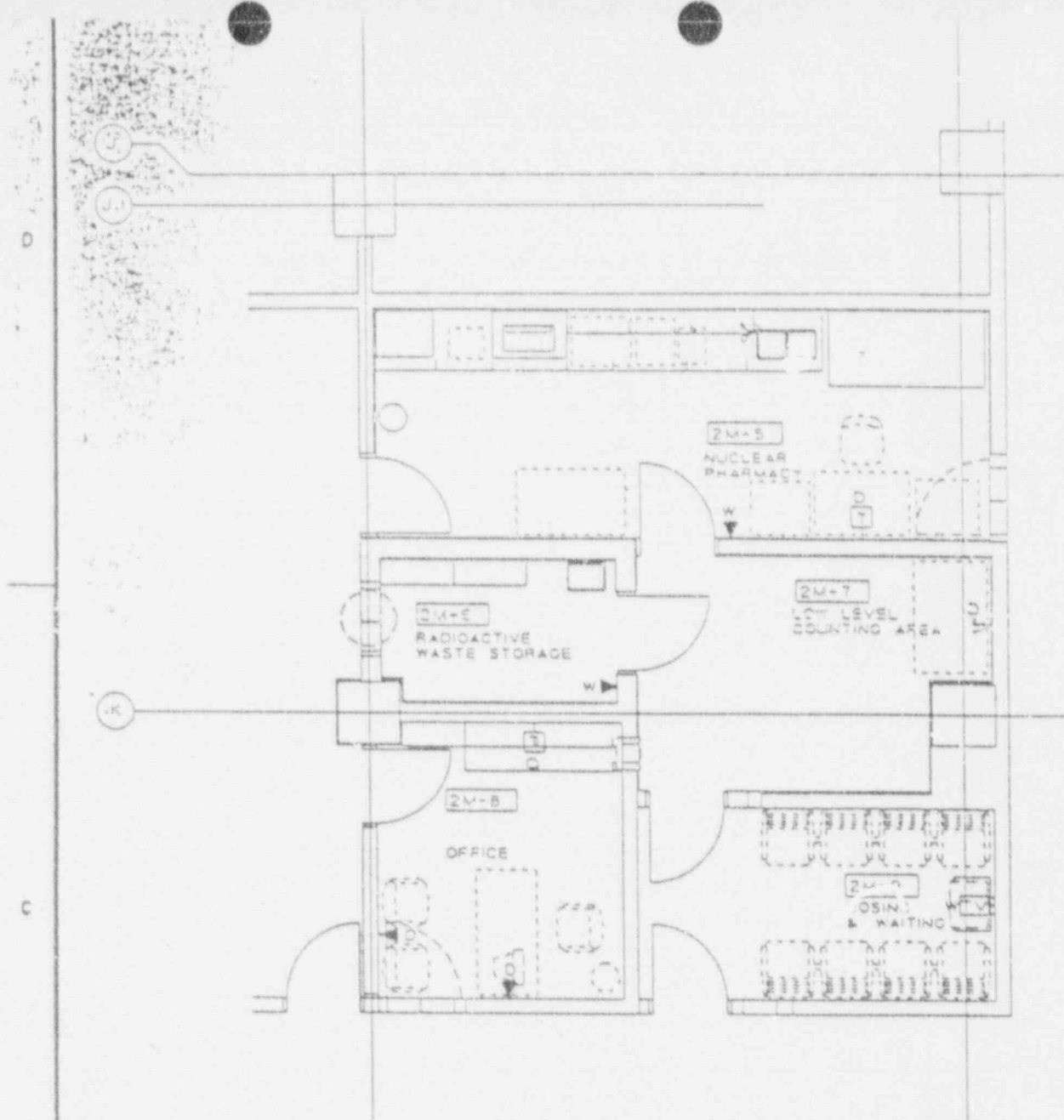
MEMORANDUM FOR: Chairman, Radiation Safety Committee

SUBJECT: Nuclear Pharmacy Commissioning/Decommissioning Activities

1. DISCUSSION. Renovation activities have begun in Rooms 2M05,6 and 7 to convert the existing space into a Nuclear Pharmacy. The new area will be more compact than the existing area, however, it will have the advantages of better organization, lead-lined walls, a more secure storage area and will be situated as contiguous space, thereby consolidating all areas of Nuclear Medicine. (A general outline of the new area is attached as an enclosure to this request).
2. Request approval of the new space as the Nuclear Pharmacy. This area will be used for receipt, storage, compounding, use and disposal of radioactive materials in the same manner as in the existing Nuclear Pharmacy. All existing facilities currently available in the old area will be duplicated in the new area.
3. Request that decommissioning activities commence in the existing Nuclear Pharmacy (Rooms 2Q26, 28, 29, 30, 32 and 42) when all materials and furniture have been removed from that area. This should be anticipated to occur in approximately seven to eight weeks from this date.
4. Further request that Room 2M11 be approved as imaging space wherein patients may be dosed and imaged with radiopharmaceuticals. Temporary use of this room as administrative space will end when the Nuclear Pharmacy area is completed. No unsealed sources of radioactivity will be stored in this area. (See attached outline).

ENCLOSURE  
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STEPHEN G. OSWALD  
LTC, MC  
C, Nuclear Medicine



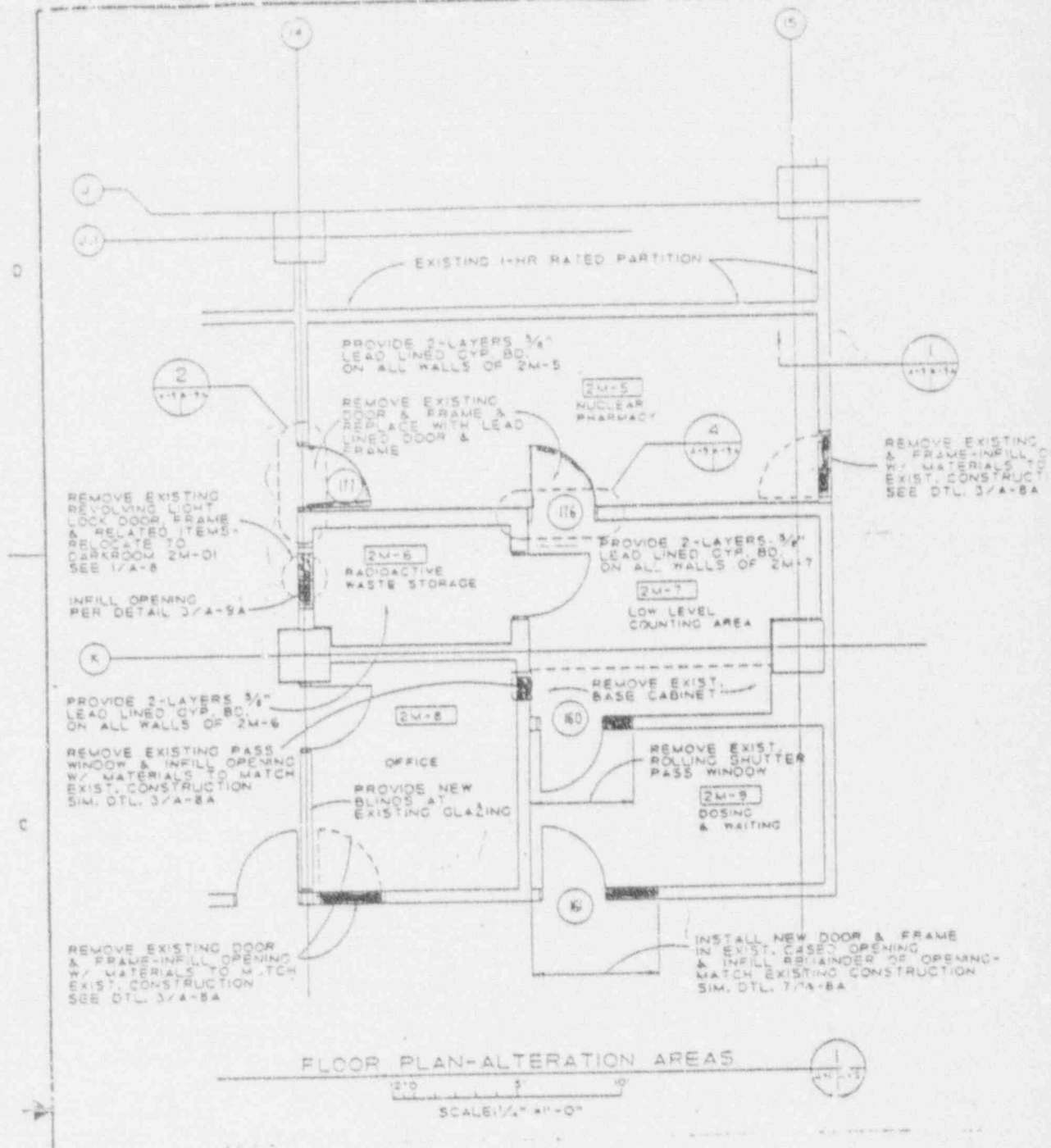
SYSTEMS PLAN - ALTERATIONS AREA

12' 0" 5' 10'  
SCALE: 1/4" = 1'-0"









### GENERAL NOTES:

1. SEE PLATE A-18 FOR EQUIPMENT & FURNITURE PLAN THIS AREA.
2. SEE PLATE A-24 FOR REFLECTED CEILING PLAN THIS AREA.
3. SEE PLATE A-30 FOR FINISH & COLOR SCHEDULE.
4. EXISTING ACOUSTIC CEILING TO BE REMOVED IN ROOMS 2M-5, 2M-7, 2M-8, 2M-9, 2R-23, 2R-26, 2R-28, 2R-29, 2R-30, 2R-31, 2R-32 & 2R-42.
5. EXISTING GYP. BO. CEILING TO BE REMOVED IN ROOMS 2M-6, 2R-34, 2R-35, 2R-36, 2R-37, 2R-38, 2R-39 & 2R-40.
6. VINYL TILE FLOORING & BASE TO BE REMOVED IN ROOMS LISTED IN NOTES 4 & 5.
7. ALL SALVAGE ITEMS - EQUIPMENT, FURNITURE, OFFICE EQUIPMENT, DECOR ITEMS, SIGNAGE, DOORS & FRAMES, ETC. TO REMAIN PROPERTY OF THE HOSPITAL. COORDINATE MOVING OF THESE ITEMS WITH THE CONTRACTING OFFICER.
8. ALL EXISTING WALLS TO REMAIN IN AREAS OF ALTERATION WORK ARE TO BE REPAIRED AS REQUIRED FOR "LIKE NEW" FINISH. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING CONSTRUCTION CAUSED BY ALTERATION WORK.
9. SEE MECHANICAL DRAWINGS FOR EXISTING PLUMBING FIXTURES & RELATED ITEMS TO BE REMOVED.