

UNITED STATES ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE

INSPECTION FINDINGS AND LICENSEE ACKNOWLEDGMENT

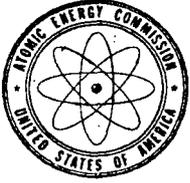
1. LICENSEE Woodland Medical Group 22341 W. Eight Mile Road Detroit, Michigan 48219		2. REGIONAL OFFICE U. S. ATOMIC ENERGY COMMISSION DIRECTORATE OF REGULATORY OPERATIONS REGION III 799 ROOSEVELT ROAD GLEN ELLYN, ILLINOIS 60137	
3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S) 21-13255-01	5. DATE OF INSPECTION July 17, 1972	
6. INSPECTION FINDINGS The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The findings as a result of this inspection are as follows:			
<input type="checkbox"/> No items of noncompliance or unsafe conditions were found.			
The following items of noncompliance related to records, signs, and labels were found:			
<input type="checkbox"/> A. Rooms or areas were not properly posted to indicate the presence of a RADIATION AREA. 10 CFR 20.203(b) or 34.42			
<input type="checkbox"/> B. Rooms or areas were not properly posted to indicate the presence of a HIGH RADIATION AREA. 10 CFR 20.203(c) (1) or 34.42			
<input type="checkbox"/> C. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. 10 CFR 20.203(d)			
<input type="checkbox"/> D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(e)			
<input type="checkbox"/> E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2)			
<input type="checkbox"/> F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b)			
<input type="checkbox"/> G. Form AEC-3 was not properly posted. 10 CFR 20.206(c)			
<input type="checkbox"/> H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b)			
<input type="checkbox"/> I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d)			
<input type="checkbox"/> J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51			
<input type="checkbox"/> K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(c)			
<input type="checkbox"/> L. Records of inventories were not maintained. 10 CFR 34.26			
<input type="checkbox"/> M. Utilization logs were not maintained. 10 CFR 34.27			
<input type="checkbox"/> N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.24			
<input type="checkbox"/> O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license.			
<input type="checkbox"/> P. Other _____			
_____ (AEC Compliance Inspector)			
7. The AEC Compliance Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days.			
_____ (Date)		_____ (Licensee Representative - Title or Position)	

ORIGINAL TO LICENSEE

mailed 7-26-72

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UNITED STATES
ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

TELEPHONE
(312) 858-2660

July 17, 1972

James M. Allan, Acting Chief,
Radiological and Environmental Protection Branch

HEALTH PHYSICS ANALYSIS, WOODLAND MEDICAL GROUP
DETROIT, MICHIGAN, LICENSE NO. 21-13255-1

This small medical program is involved primarily in diagnostic procedures mainly using I-131 diagnostic capsules and Tc99m pertechnetate. The program is conducted and supervised by a competent physician and technician staff with due regard to radiation safety. The licensee has adequate facilities and equipment for the conduct of such a program. Personnel monitoring records show that personnel doses are maintained well below Part 20 limits. It is the opinion of the inspector that this program is conducted with due regard to the health and safety of licensee personnel and general public.


E. J. Moretti
Radiation Specialist

U. S. ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE

REGION III

EXPANDED FIELD NOTES

CO Inspection Report No.: _____

Subject: Woodland Medical Group

22341 W. Eight Mile Road

License No.(s) 21-13255-1

Location: Detroit, Michigan 48219

Priority IV

Category G

Type of Licensee: Medical

Type of Inspection: Initial - Announced

Date(s) of Inspection: July 17, 1972

Date(s) of Previous Inspection: N/A.

Principal Inspector: E Jmarrta

Accompanying Inspector(s): none

Other Accompanying Personnel: none

Report Prepared By: E Jmarrta

7/25/72
(Date)

Report Reviewed By: J Mallon

7-28-72
(Date)

Proprietary Information: none

List of Documents Attached: none

Licensee Woodland Medical Group

A. Participants

Dr. Arthur A. Kaslemas, M.D., an authorized user & RSO. Ann Collis and Mary McCormick, Reg. Technicians. State of Michigan advised of visit - Inspector unaccompanied.

B. Scope of License Program

Byproduct material is primarily used for diagnostic procedures in this small medical program.

C. Organization

Harold N. Borsari, Administrator; Dr. Arthur A. Kaslemas, M.D., a user & RSO; Dr. Harold J. Daitch, M.D., other authorized. Two technicians, Ann Collis and Mary McCormick, Reg. Technicians, assist in the Radioisotope Department.

D. Administrative Control

Dr. Kaslemas has primary responsibility for this licensed program activity and, ^{also} serves as its RSO.

E. Use of Material

Mainly Tc99m and I131, as diagnostic capsules, is used for diagnostic procedures listed in Groups I and II, Schedule A, 10CFR 35.100. A 100 Mci Mo99-Tc99m generator is purchased weekly from New England Nuclear, and an average of 30 I131, 100 mcurie capsules, also purchased weekly from Mallinckrodt/medco and Abbotts. About 200 scans are performed monthly. No P32 purchased to date and 2 I131 therapies for hyperthyroidism per year so far.

Licensee Woodland Medical Group

F. Facilities

Radioisotope Laboratory and counting room facilities located in basement area of medical group building; and there were noted to be as described in license application. Further plans call for these facilities to be moved to 1st floor of building when space becomes available. A waste storage room is used to hold spent generators and other wastes for decay.

G. Equipment

Radiation detection and measuring equipment as specified in license application were found to be as listed, in addition to a Capentec CRC 4 calculator. A CDV-200 survey meter is also on hand.

H. Radiological Safety Procedures

Written radiological safety procedures as set forth in license application are provided to Technicians. A Form NRC-3, "Notice to Employees" posted in Radioisotope Department. Radioisotope Department facilities are locked during nonworking hours. Keys in custody of Dr. Kaselmas and Technicians.

I. Personnel Monitoring and Exposure to External Radiation

Individual film badge service obtained on monthly basis, also ring badges. Film badge records reviewed approximately 1st Quarter 1972 through March 1972 was for (b)(6) (b)(6) ring badge ^{also} was shown like 390 memos. Ex 6

J. Exposure of Employees to Concentrations of Radioactive Materials

none

Licensee Woodland Medical Group

K. Effluents to Unrestricted Areas

none

L. Disposals

Spent generators have been held for decay - now disposed to date.
Plans to have these disposed thru licensed disposal agent in
accordance with NRC. Cigarettes, ^{disposable} used up for diagnostic procedures.
No secondary sources or other disposal so far.

M. Miscellaneous Surveys, Evaluations, and Records

Weekly area surveys made of Radon isotopes. Log - records
show radon levels range from 0.1 - 0.3 mCi/hr at storage
room area, and about 10 mCi/hr at generator unit surface,
general work area to be less 0.2 mCi/hr. Records of radon
distribution, inventory, personnel monitoring, and area
surveys are maintained by licensee.

N. Special License Conditions

License conditions were reviewed with licensee
personnel and no deficiencies with these were noted.

O. Posting and Labeling

All posting and labeling were observed to be in
accordance with provisions of 10 CFR 20. 203.

Licensee Woodland Medical Group

P. Independent Measurements

none

Q. Operations Observed

none

R. Incidents, Overexposures, Theft or Loss, Equipment Malfunction

none

S. Other Information or Continuation from Previous Paragraphs

none

Licensee Woodlawn Medical Group

Summary

Byproduct material, mainly ^{diagnoses} T131 capsules and Tc99m, is being used primarily for diagnostic procedures in this small medical program. No radiation safety problems were noted.

Noncompliance and Safety Items

none

Unusual Occurrences

none

Status of Previously Reported Noncompliance or Safety Items

none

Management Interview with

Mr. Leonard N. Bassin, Medical Group Administrator; and Dr. Arthur A. Kasilemas, M.D. Use-DSO. They were advised no deficiencies noted and a clear Form NEE-591 was issued upon conclusion of inspection.