



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
OFFICE OF THE SURGEON GENERAL
5109 LEESBURG PIKE
FALLS CHURCH, VA 22041-3258

October 23, 1992



Preventive Medicine
Consultants Division

OCT 30 1992

U.S. Nuclear Regulatory Commission
Region IV
Nuclear Materials Safety Section
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Dear Sir:

Enclosed are two copies of a request to amend NRC By-Product Material Licenses 05-00046-13 (Medical Use) and No. 05-00046-15 (Teletherapy), Fitzsimons Army Medical Center, Aurora, Colorado. The requested amendment will designate Captain Regina L. Russell as the Radiation Safety Officer.

Recommend approval.

Sincerely,

Peter H. Myers
Colonel, U.S. Army
Radiological Hygiene Consultant

Enclosure

Copy Furnished: U.S. Army Environmental Hygiene Agency,
Health Physics Division

A/221

FEE EXEMPT

9703030536

9703030536 970220
PDR FOIA
GLADE96-395 PDR

464466

M/S #22

R1201021

LICENSING TRACKING SYSTEM

DATE: 921102
PAGE: 1

LTS WORKSHEET

T9

DOCKET NO : 03001233 LICENSE NO : 05-00046-13 STATUS: 2
MAIL CONTROL: 464466 RECEIPT DATE : 921030 ACTION TYPE: 4
DUE DATE : 930128
FED. GOVT : ~~Y~~ ^{DEC 8 1992} INST. CODE : 00046 LICENSE REGION: 4
ISSUE DATE: 871222 ORIGINAL DATE: _____ EXPIRATION DATE: 19901231
NAME : ~~ARMY~~ DEPARTMENT OF THE DECOM FIN ASSUR REQD: Y
SUBM: Y
DEPT/BUREAU: FITZSIMONS ARMY MED. CTR. CONT PLAN REQD: _ APPRV: Y
BUILDING : _____
STREET : _____
CITY : AURORA STATE: CO ZIP: 800455001
CONTACT PERSON: ~~AT&T~~ RPT Reginal Russell PHONE: 303-361-8311
PRIMARY PGM CODE : 02110 SECONDARY PGM CODES: 11210
INSPECTION REGION: 4 PRIORITY CODE: 1 INSPECTION CATEGORY: G1
RADIATION SAFETY OFFICER: 2 LT CHRISTOPHER J. CLAYTON RPT Reginal Russell
STATES WHERE USE IS AUTHORIZED: 0 0 - ALL LISTED STATES
1 - SAME AS STATE IN ADDRESS
2 - ALL STATES
3 - NON-AGREEMENT STATES
AUTHORIZED STATES: _____ (USE ONLY IF ABOVE IS ZERO)
REPORTING IDENTIFICATION SYMBOL: _____
APPROVAL FOR: REGISTRATION: N STORAGE ONLY: N
TEMPORARY JOB SITES: N INCINERATION: N
BURIAL: N
EXEMPTIONS: (1) _____ (2) _____

A/228

POSSESSION LIMIT INFORMATION

PAGE: 2

MATERIAL TYPE	A1X ✓	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000500.000000000	UNIT: MCI	
OTHER	-	# SOURCES: -	
MATERIAL TYPE	A3 ✓	FORM CODE: SS	AGGREGATE CODE: SS
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000002.000000000	UNIT: CI	
OTHER	-	# SOURCES: -	
MATERIAL TYPE	✓-A3X	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.500000000	UNIT: CI	
OTHER	-	# SOURCES: -	
MATERIAL TYPE	✓-CST37	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.001000000	UNIT: CI	
OTHER	-	# SOURCES: -	
MATERIAL TYPE	✓-GR12	FORM CODE: GR12	AGGREGATE CODE: MED
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.000000000	UNIT: CI	
OTHER	-	# SOURCES: -	
MATERIAL TYPE	✓-GR8	FORM CODE: GR8	AGGREGATE CODE: MED
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000005.000000000	UNIT: CI	
OTHER	-	# SOURCES: -	
MATERIAL TYPE	✓-GR4	FORM CODE: GR4	AGGREGATE CODE: MED
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.000000000	UNIT: CI	
OTHER	-	# SOURCES: -	

POSSESSION LIMIT INFORMATION

PAGE: 3

MATERIAL TYPE	✓ GR5	FORM CODE: GR5	AGGREGATE CODE: MED
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	✓ GR5	FORM CODE: GR5	AGGREGATE CODE: MED
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000002.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	H3 ✓	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000005.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	✓ H2	FORM CODE: L1Q	AGGREGATE CODE: L1Q
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.025000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	I125 ✓	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000001.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	✓ I125	FORM CODE: L1Q	AGGREGATE CODE: L1Q
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.001000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	I131 ✓	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000002.000000000	UNIT: CI	
OTHER		# SOURCES: —	

POSSESSION LIMIT INFORMATION

PAGE: 4

MATERIAL TYPE	✓ 1191	FORM CODE: IMC	AGGREGATE CODE: IMC
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	✓ 1131	FORM CODE: LTQ	AGGREGATE CODE: LTQ
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000500.002000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	MO99	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	NA24	FORM CODE: L1Q	AGGREGATE CODE: L1Q
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.001000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	TC99M	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000000.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	XE133	FORM CODE: ANY	AGGREGATE CODE: A
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000002.000000000	UNIT: CI	
OTHER		# SOURCES: —	
MATERIAL TYPE	XE133	FORM CODE: XEG	AGGREGATE CODE: XEG
MODEL NUMBER			
DESCRIPTION			
TOTAL QUANTITY	0000002.000000000	UNIT: CI	
OTHER		# SOURCES: —	

POSSESSION LIMIT INFORMATION

PAGE: 5

MATERIAL TYPE
MODEL NUMBER
DESCRIPTION
TOTAL QUANTITY
OTHER

✓ DU

FORM CODE: DET

AGGREGATE CODE: DET

UNIT: RG
SOURCES:

MATERIAL TYPE
MODEL NUMBER
DESCRIPTION
TOTAL QUANTITY
OTHER

FORM CODE:

AGGREGATE CODE:

UNIT:
SOURCES:

MATERIAL TYPE
MODEL NUMBER
DESCRIPTION
TOTAL QUANTITY
OTHER

FORM CODE:

AGGREGATE CODE:

UNIT:
SOURCES:

MATERIAL TYPE
MODEL NUMBER
DESCRIPTION
TOTAL QUANTITY
OTHER

FORM CODE:

AGGREGATE CODE:

UNIT:
SOURCES:

MATERIAL TYPE
MODEL NUMBER
DESCRIPTION
TOTAL QUANTITY
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FORM CODE:

AGGREGATE CODE:

UNIT:
SOURCES:

MATERIAL TYPE
MODEL NUMBER
DESCRIPTION
TOTAL QUANTITY
OTHER

FORM CODE:

AGGREGATE CODE:

UNIT:
SOURCES:

MATERIAL TYPE
MODEL NUMBER
DESCRIPTION
TOTAL QUANTITY
OTHER

FORM CODE:

AGGREGATE CODE:

UNIT:
SOURCES:

INDIVIDUAL USERS

PAGE: 6

NAME

AUTHORIZATION

Individuals designated by the ☒ All
FACIL. Registration Control Committee

ADDRESS WHERE MATERIAL IS USED OR POSSESSED

BUILDING:
ROOM:
STREET:
CITY:
STATE:

BUILDING:
ROOM:
STREET:
CITY:
STATE:

BUILDING:
ROOM:
STREET:
CITY:
STATE:

BUILDING:
ROOM:
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CITY:
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ROOM:
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CITY:
STATE:

BUILDING:
ROOM:
STREET:
CITY:
STATE:

DECOMMISSIONING FINANCIAL ASSURANCE INFORMATION

PAGE: 7

DOCKET: 03001233 LIC: 05-00046-13 NAME: ARMY, DEPARTMENT OF THE

PARTY ISSUING MECHANISM:	ASSUR TYPE :	(C=CERT D=DFP)
NAME :	MECH TYPE :	
ADDR1 :	MECH AMOUNT :	
ADDR2 :	APPROVED? :	DATE: _____
CITY :	EXPIRES ? :	DATE: _____
STATE : _____	ZIP: _____	

PARTY ISSUING MECHANISM:	ASSUR TYPE :	(C=CERT D=DFP)
NAME :	MECH TYPE :	
ADDR1 :	MECH AMOUNT :	
ADDR2 :	APPROVED? :	DATE: _____
CITY :	EXPIRES ? :	DATE: _____
STATE : _____	ZIP: _____	

PARTY ISSUING MECHANISM:	ASSUR TYPE :	(C=CERT D=DFP)
NAME :	MECH TYPE :	
ADDR1 :	MECH AMOUNT :	
ADDR2 :	APPROVED? :	DATE: _____
CITY :	EXPIRES ? :	DATE: _____
STATE : _____	ZIP: _____	

PARTY ISSUING MECHANISM:	ASSUR TYPE :	(C=CERT D=DFP)
NAME :	MECH TYPE :	
ADDR1 :	MECH AMOUNT :	
ADDR2 :	APPROVED? :	DATE: _____
CITY :	EXPIRES ? :	DATE: _____
STATE : _____	ZIP: _____	

PARTY ISSUING MECHANISM:	ASSUR TYPE :	(C=CERT D=DFP)
NAME :	MECH TYPE :	
ADDR1 :	MECH AMOUNT :	
ADDR2 :	APPROVED? :	DATE: _____
CITY :	EXPIRES ? :	DATE: _____
STATE : _____	ZIP: _____	

PARTY ISSUING MECHANISM:	ASSUR TYPE :	(C=CERT D=DFP)
NAME :	MECH TYPE :	
ADDR1 :	MECH AMOUNT :	
ADDR2 :	APPROVED? :	DATE: _____
CITY :	EXPIRES ? :	DATE: _____
STATE : _____	ZIP: _____	

PARTY ISSUING MECHANISM:	ASSUR TYPE :	(C=CERT D=DFP)
NAME :	MECH TYPE :	
ADDR1 :	MECH AMOUNT :	
ADDR2 :	APPROVED? :	DATE: _____
CITY :	EXPIRES ? :	DATE: _____
STATE : _____	ZIP: _____	

LICENSE DATA, CONTINUED

PAGE: 8

DOCKET NO: 03001233 LICENSE NUMBER: 05-00046-13
NAME : ARMY, DEPARTMENT OF THE

MEDICAL QUALITY MANAGEMENT PROGRAM REQUIRED: Y RECEIVED: N APPROVED: N

DECOMMISSIONING FINANCIAL ASSURANCE REQUIRED: Y SUBMITTED: Y

CONTINGENCY PLAN REQUIRED: _ APPROVED: Y

DECAY-IN-STORAGE APPROVED: N HOLDING FOR < 10 HALF-LIVES APPROVED: _

T 1/2 > 65 DAYS, ISOTOPE(S): _____

INTERIM STORAGE UP TO 1996: N

License No. 05-00046-13

Amendment No. 54

Docket No. 030-01233

Licensee: Department of the Army

Certification of Application Review for a Part 30, 40, and 70 License

I certify that I have reviewed the letter dated October 9, 1992, as supplemented by any letters referenced in the license in accordance with guidance provided by the Office of Nuclear Materials Safety and Safeguards applicable Standard Review Plan and associated checklist and have concluded that:

____ A. If the license is being terminated, I have received adequate documentation to demonstrate that all radioactive materials and contamination possessed under this license has been properly removed and the licensee's facilities are suitable for unrestricted use, or that the radioactive material is covered by another valid license.

 X B. For a ____ new license, X amendment, or ____ renewal:

- (1) The application is for a purpose authorized by the Act;
- (2) The applicant's proposed equipment and facilities are adequate to protect health and minimize danger to life or property;
- (3) The applicant is qualified by training and experience to use the material for the purpose requested in such manner as to protect health and minimize danger to life;
- (4) The applicant satisfies any special requirements contained in Parts 32-40 and 70; and
- (5) The application is not for commercial waste disposal by land burial or for any other activity which the Commission has determined will significantly affect the quality of the environment.

Jacqueline D. Burks
Reviewer

JDB 12-07-92
Date

M. R. Humphreys
Reviewer

12/07/92
Date

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. Department of the Army
2. Fitzsimons Army Medical Center
ATTN: HSHG-RP
Aurora, Colorado 80045-5001

In accordance with letter dated
October 9, 1992

3. License number 05-00046-13 is amended in its entirety to read as follows:

4. Expiration date December 31, 1990

5. Docket or Reference No 030-01233

6. Byproduct, source, and/or special nuclear material

7. Chemical and/or physical form

8. Maximum amount that licensee may possess at any one time under this license

A. Any byproduct material with atomic numbers 1 through 83

A. Any except sealed sources

A. Not to exceed 500 millicuries per radionuclide except:

H-3 - 5 curies
Mo-99 - 10 curies
Tc-99m - 10 curies
I-125 - 1 curie
I-131 - 2 curies
Xe-133 - 2 curies

B. Any byproduct material with atomic numbers 1 through 96

B. Sealed sources

B. Not to exceed 2 curies per source

C. Uranium, Natural or Depleted

C. Shielding material

C. Not to exceed 999 kilograms

9. Authorized use:

A. and B. Medical research, diagnosis, and therapy. In vitro studies. Studies in laboratory animals.

C. Shielding in Molybdenum-99/Technetium-99m generators.

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PDR ADOCK 03001233
C PDR

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Handwritten signature

OFFICIAL RECORD 6884

DECOMMISSIONING RECORDS

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number
05-00046-13

Docket or Reference number
030-01233

Amendment No. 54

CONDITIONS

10. Licensed material shall be used only at Fitzsimons Army Medical Center, 12101 East Colfax Avenue, Aurora, Colorado.
11. A. Licensed material shall be used by, or under the supervision of, individuals designated by the FAMC Radiation Control Committee.
B. The Radiation Safety Officer for this license is CAPT Regina L. Russell.
12. A. (1) The sources specified in Item 7.B. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.
(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.
C. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, ATTN: Director, Division of Radiation Safety and Safeguards. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
13. Sealed sources containing licensed material shall not be opened.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number
05-00046-13

Docket or Reference number
030-01233

Amendment No. 54

14. A. Detector cells containing titanium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
- B. Detector cells containing scandium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 325 degrees Centigrade.
15. Patients containing cobalt-60, cesium-137, or iridium-192 implants shall remain hospitalized until a source count and surveys made with an appropriate radiation detection instrument indicate that all implants have been removed. The results of these surveys shall be recorded and maintained for inspection by the Commission for 5 years from the time the implants are removed.
16. Patients containing iodine-131 for the treatment of thyroid carcinoma (or patients containing therapeutic quantities of gold-198) shall remain hospitalized until the residual activity is 30 millicuries or less.
17. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
 - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
 - B. Before disposal as normal waste, radioactive waste shall be surveyed to determine that its radioactivity cannot be distinguished from background. All radiation labels will be removed or obliterated.
 - C. Generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.
18. The licensee shall maintain records of information important to safe and effective decommissioning at Department of the Army, Fitzsimons Army Medical Center, Aurora, Colorado, per the provision of 10 CFR 30.35(g) until this license is terminated by the Commission.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

05-00046-13

Docket or Reference number

030-01233

Amendment No. 54

19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated February 6, 1984
- B. Letter dated October 29, 1985
- C. Letter dated December 4, 1985
- D. Letter dated February 27, 1986
- E. Letter dated May 21, 1986
- F. Letter dated August 18, 1986
- G. Letter dated July 8, 1987
- H. Letter dated November 4, 1987
- I. Letter dated October 11, 1988
- J. Letter dated May 10, 1989
- K. Letter dated April 5, 1990
- L. Letter dated February 28, 1992
- M. Letter dated October 9, 1992

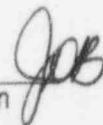
FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date DEC 8 1992

By

Original Signed By
Vivian H. Campbell

Nuclear Materials Licensing Section
Region IV
Arlington, Texas 76011



DECOMMISSIONING RECORDS



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

DEC 8 1992

Department of the Army
ATTN: CAPT Regina L. Russell
Radiation Safety Officer
Fitzsimons Army Medical Center
Aurora, Colorado 80045-5001

Madame:

Please find enclosed Amendment No. 54 to your NRC material license. You should review this amendment carefully and be sure that you understand all conditions. If you have any questions, you may contact the reviewer who signed your license amendment at 817/860-8100.

Although CAPT Regina Russell doesn't meet the qualifications of a Radiation Safety Officer (RSO) as outlined in the Draft Working Paper for the Preparation of Applications for Licenses of Broad Scope, August 1992, we have reviewed her curriculum vitae and previous work experience and training. Based on this review, we have authorized CAPT Regina Russell as the RSO for NRC byproduct material license number 05-00046-13.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).

DECOMMISSIONING RECORDS

A/230


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5. Request and obtain written NRC consent before transferring your license or any right thereunder, either voluntarily or involuntarily, directly or indirectly, through transfer of control of your license to any person or entity. A transfer of control of your license includes not only a total change of ownership, but also a change in the controlling interest in your company whether it is a corporation, partnership, or other entity. In addition, appropriate license amendments must be requested and obtained for any other planned changes in your facility or program that are contrary to your license or contrary to representations made in your license application, as well as supplemental correspondence thereto, which are incorporated into your license. A license fee may be charged for the amendments if you are not in a fee-exempt category.
6. Submit a complete renewal application with proper fee, or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Action, 10 CFR Part 2, Appendix C. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which the NRC expects of its licensees.

Thank you for your cooperation.

Sincerely,



Jacqueline D. Burks, Health Physicist
Nuclear Materials Licensing Section

Enclosure:
As stated



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

JAN 29 1993

Dockets: 030-00107
030-01233
Licenses: 05-00046-15
05-00046-13

Department of the Army
Fitzsimons Army Medical Center
ATTN: Brigadier General Thomas Bowen
Aurora, Colorado 80045-5001

SUBJECT: NRC INSPECTION REPORTS 030-00107/93-01; 030-01233/93-01

This refers to the routine, unannounced inspection conducted by Ms. M. Linda McLean of this office on January 14-15, 1993. The inspection included a review of activities authorized by Byproduct Material License Nos. 05-00046-13 (nuclear medicine) and 05-00046-15 (teletherapy) at Fitzsimons Army Medical Center. At the conclusion of the inspection, the findings were discussed with members of your staff.

The inspection was an examination of the activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, independent measurements, and observation of activities in progress.

No violations or deviations were identified; therefore, no response to this letter is required.

During the inspection a member of your staff noted that your cobalt-60 teletherapy unit has been purchased by a licensed company in Maryland, and after January 19, 1993, the unit will no longer be in possession of Fitzsimons Army Medical Center. The inspector observed that even with the infrequent use of the teletherapy unit during 1992, all required tests and surveillances had been performed at the proper frequencies and were appropriately documented. Additionally, the inspector determined that the clinical nuclear medicine department had performed 25-30 diagnostic procedures per day. The inspector concluded that the overall radiation safety program appeared adequate for the size and scope of licensed activities.

9302030093 930129
PDR ADOCK 03000107
C PDR

IF07
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In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter will be placed in the NRC Public Document Room.

Should you have any questions concerning this letter, please contact the inspector identified above at (817) 860-8100.

Sincerely,

Charles L. Cain

Charles L. Cain, Chief
Nuclear Material Inspection Section

cc:
Colorado Radiation Control Program Director