NRC FORM 374 (7-94)

OFFICIAL RECORD COPY

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 6 PAGES

MATERIALS LICENSE

Amendment No. 53

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, 36, 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 Veterans Affairs Medical Center	In accordance with letter dated **August 30, 1996**
	3. License Number 16-03121-02
	is **amended** in its entirety to read as follows:
2. 800 Zorn Avenue Louisville, Kentucky 40202	4. Expiration Date **July 31, 2003 (extended)**
	5. Docket or Reference No. 030-01747

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 identified in 10 CFR 35.100	A.	Any radiopharmaceutical identified in 10 CFR 35.100	A.	As needed
B.	Any byproduct material identified in 10 CFR 35.200	B.	Any radiopharmaceutical identified in 10 CFR 35.200	B.	As needed
C.	Iodine 131	C.	Any unsealed form for preparation and administration as specified in §35.300	C.	55.5 gigabecquerels (1.5 curies)
D.	Any byproduct material with a half-life less than 120 days except iodine 131	D.	Any form for uses described in §35.300 initially distributed in accordance with 10 CFR 32.72 or equivalent State regulations.	D.	As needed, not to exceed 3.7 gigabecquerels (100 millicuries) per container
E.	Any byproduct material identified in 10 CFR 35.500	E.	Any diagnostic sealed source identified in 10 CFR 35.500 and registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation	E.	As needed but no single source to exceed the rated capacity of the registered device and no more than one additional source per device for source exchange
F.	Hydrogen 3 200042	F.	Any	F.	5.55 gigabecquerels (150 millicuries)
G.	Any radionuclide listed in 10 CFR 33.100, Schedule A	G.	Any	G.	As authorized and limited in 10 CFR 33.11(b) for Type B specific license of broad scope

0/1 MLDO

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number 16-03121-02

Docket or Reference Number 030-01747

Amendment No. 53

6. Byproduct, source, and/or special nuclear material (continued) -	7. Chemical and/or physical form (continued) -	8. Maximum amount that licensee may possess at any one time under this license (continued) -
H. Cesium 137	H. Sealed Source registered pursuant to 10 CFR 32.210 for use in a compatible device specified in Item 9.H of this license	H. 3.7 gigabecquerels (100 millicuries)
I. Cesium 137	I. Sealed source (Technical Operations/Amersham Model 77302)	I. 6.105 gigabecquerels (165 millicuries)
J. Gadolinium 153	**J. Sealed sources registered pursuant to 10 CFR 32.210 or equivelent Agreement State.**	**J. 44.4 terabequerels (1.2 curies) total, no single source to exceed 11.1 gigabequerels (300 millicuries)**

9. Authorized Use:

A.	Medical use identified in 10 CFR 35.100.
B.	Medical use identified in 10 CFR 35.200.
C. and D.	Medical use identified in 10 CFR 35.300.
E.	One diagnostic sealed source for use in a compatible device registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation for medical use identified in 10 CFR 35.500 and one additional source in the original shipping container for use incident to source exchange.
F. and G.	Research and development as defined in 10 CFR 30.4, including tracer studies in laboratory animals, and clinical laboratory in vitro testing.
H.	For use in Victoreen Model 681 calibrator for instrument calibrations.
I.	For use in a Technical Operations/Amersham Model 773 device for calibration of instruments.
J.	**For possession and use in ADAC Laboratories "Vantage" Nonuniform Attenuation Correction System in gamma cameras for medical use. For storage in shipping container pursuant to source exchange.**

CONDITIONS

10. Location for use: V. A. Medical Center
800 Zorn Avenue
Louisville, Kentucky

MATERIALS LICENSE
SUPPLEMENTARY SHEET

(Continued) CONDITIONS

11. The Radiation Safety Officer for this license is Ibrahim B. Syed, Ph.D., or in his absence, Larry Cramer, Alternate Radiation Safety Officer.

12. A. The use of licensed material in or on humans shall be by a physician, dentist, or podiatrist as defined in 10 CFR 35.2;

B. Physicians, dentists, or podiatrists designated to use licensed material in or on humans shall meet the training criteria established in 10 CFR 35, Subpart J and shall be designated by the licensee's Radiation Safety Committee. The licensee shall maintain records of individuals designated as users for three years after the individual's last use of licensed material; and

C. Licensed material for other than human use shall be used by or under the supervision of individuals designated by the Radiation Safety Committee. The licensee shall maintain records of individuals designated as users for three years after the individual's last use of licensed material.

13. A. Detector cells containing a titanium tritide foil or a scandium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents the foil temperature from exceeding that specified by the manufacturer and approved by NRC; and

B. When in use, detector cells containing a titanium tritide foil or a scandium tritide foil shall be vented to the outside.

14. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210;

B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months;

C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested;

D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source;

E. Sealed sources need not be leak tested if:
(i) they contain only hydrogen-3; or
(ii) they contain only a radioactive gas; or
(iii) the half-life of the isotope is 30 days or less; or
(iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or

(Continued) CONDITIONS

E. (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination;

F. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region II, ATTN: Chief, Nuclear Materials Licensing/Inspection Branch, 101 Marietta Street, N.W., Suite 2900, Atlanta, Georgia 30323-0199. 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; and

G. 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.

15. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

16. The licensee shall conduct a physical inventory every three months to account for all sources and/or devices received and possessed pursuant to 10 CFR 35.59, 10 CFR 35.400 and 10 CFR 35.500 and every six months for all other sources and/or devices. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the information required in 10 CFR 35.59(g).

17. The licensee shall not use licensed material in or on human beings except as provided otherwise by specific condition of this license.

18. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.

19. The licensee shall not store licensed material contained in waste for more than two years from the date the waste is put into storage. The licensee shall maintain records which indicate the date that licensed material contained in waste is put into storage.

License Number 16-03121-02

Docket or Reference Number 030-01747

Amendment No. 53

MATERIALS LICENSE
SUPPLEMENTARY SHEET

(Continued) CONDITIONS

20. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the limits specified in 10 CFR 30.72 which require consideration of the need for an emergency plan for responding to a release of licensed material.

21. Notwithstanding 10 CFR 35.92(a) the licensee is authorized to hold radioactive material with a physical half-life of up to 100 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 ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated;

C. A record of each disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal;

D. Packages containing licensed materials being held for decay shall be compatible with the waste form; and

E. Packages of waste with half-lives less than 65 days shall be in separate containers than packages with half-lives of 65 days or more.

22. The licensee shall not acquire licensed material in a sealed source or device that contains a sealed source unless the source or device has been registered with the Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.

23. In addition to the possession limits in item 8, the licensee shall further restrict the possession of licensed material as follows:

A. For unsealed sources to quantities less than 10^5 times the applicable limits in Appendix B, 10 CFR 30 as specified in 10 CFR 30.35(d); and

B. For sealed sources, to quantities less than 10^{10} times the applicable limits in Appendix B, 10 CFR 30 as specified in 10 CFR 30.35(d).

24. If only one radionuclide is possessed, the possession limit is the quantity specified for that radionuclide in 10 CFR 33.100, Schedule A, Column I. If two or more radionuclides are possessed, the possession limit is determined as follows: for each radionuclide, determine the ratio of the quantity possessed to the applicable quantity specified in 10 CFR 33.100, Schedule A, Column I, for that radionuclide. The sum of the ratios for all radionuclides possessed under the license shall not exceed unity.

NRC FORM 374A (7-94) U.S. NUCLEAR REGULATORY COMMISSION

License Number 16-03121-02

Docket or Reference Number 030-01747

Amendment No. 53

MATERIALS LICENSE
SUPPLEMENTARY SHEET

Continued)

CONDITIONS

25. The licensee shall maintain records of information important to safe and effective decommissioning at the licensee's facilities listed in Condition 10 pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

26. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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 received with letter dated September 14, 1987

B. Letters dated:

(1)	September 27, 1982	
(2)	January 25, 1988	
(3)	March 8, 1988	
(4)	November 22, 1988	
(5)	March 9, 1989	
(6)	August 12, 1992	
(7)	December 10, 1992	[Renewal request]
(8)	May 7, 1993	[Additional information on renewal]
(9)	February 18, 1994	[Changes to Radiation Safety Committee]
(10)	September 16, 1994	[Addition of cobalt 60 irradiator for storage only in conjunction with termination of license no. 16-03121-05]
(11)	October 11, 1995	[Decay in storage procedures for up to 100 days half-life]
(12)	May 9, 1996	[Deletion of Sr-90 eye applicator possession and use]
(13)	**August 30, 1996**	**[Add ADAC attenuation sources]**
(14)	**November 8, 1996**	**[Deletion of Bar Ray Irradiator and Cobalt 60 possession]**

C. FAXs dated:

(1)	November 20, 1992	[Training and experience of L. Cramer]
(2)	**January 6, 1997**	**[Additional information in reference to ADAC sources]**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

Date JAN 21 1997

By Earl G. Wright

Region II, Division of Nuclear Materials Safety
101 Marietta Street, N.W., Suite 2900
Atlanta, Georgia 30323-0199

1/24/97

N:\MLICENSE\16-03121.A53

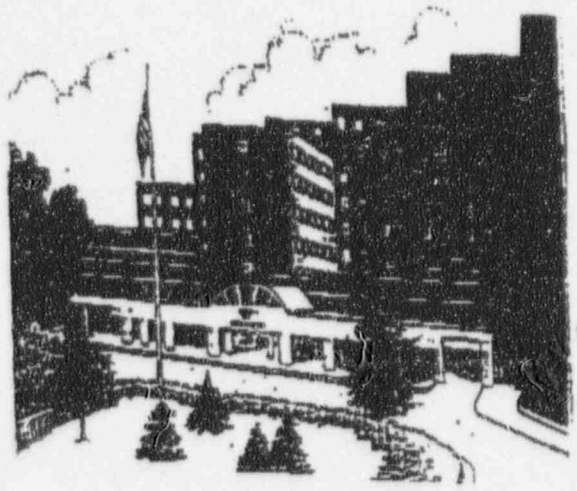
Department of Veterans Affairs

VHA FAX TRANSMITTAL

This transmission is intended only for the use of the person or office to whom it is addressed and may contain information that is privileged, confidential, or protected by law.

All others are hereby notified that receipt of this message does not waive any applicable privilege or exemption from disclosure and that any dissemination, distribution, or copying of this communication is prohibited.

If you have received this communication in error, please notify us immediately at the telephone number shown below. Thank you.



VA Medical Center
800 Zorn Avenue
Louisville, KY 40206

Hospital Phone #: FTS (700) 548-5000
Commercial (502) 895-3401

Director's Office FAX Phone #: FTS (700) 548-6225
Commercial (502) 894-6225

TO	FAX NUMBER ☐ FTS ☒ COMMERCIAL	DATE	NO. PAGES ATTACHED
NRC ATTN: Ms. Bailey	404-331-5559	1-6-97	1

SUBJECT: Gd-153 Line Sources

FROM	TELEPHONE NUMBER ☐ FTS ☒ COMMERCIAL
Larry J. Sunder, Director	502-894-6262

VA FORM 10-0114R
MAY 1993

FROM :VAMC LOU DIRECTOR'S OFC 502 894 6225 1997.01-06 15:54 #651 P.01/02

Department of Veterans Affairs
Medical Center
800 Zorn Avenue
Louisville, KY 40206-1499

January 6, 1997

In Reply Refer To: 603/001R

Mr. Charles Hosey
Chief, Materials Licensure Branch
U.S. Nuclear Regulatory Commission, Region II
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323-0199

Re: 800 mCi of Gd-153 Line Sources

Subj: Amendment for License No. 16-03121-02

Dear Mr. Hosey:

With regard to your question, the two spare sources of Gd-153 will be secured. Only authorized individuals will work on the ADAC SPECT Gamma Camera.

If you have additional questions, please contact Dr. Ibrahim B. Syed, Radiation Safety Officer, at (502) 894-6262.

Sincerely yours,

for Larry D. Sander
Medical Center Director

Department of Veterans Affairs
Medical Center
800 Zorn Avenue
Louisville, KY 40206-1499

November 14, 1996

In Reply Refer To: 603/001R

Ms. Orysia Masnyk Bailey
Radiation Specialist
Division of Nuclear Material Safety
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323-0199

SUBJ: Request for Information about Materials License Amendment

REF: Mail Control No. 257190, Docket No. 030-01747

Dear Ms. Bailey:

This is in response to your letter dated October 29, 1996. The following information/clarification is furnished to continue your review of our request for amendment to our License No. 16-03121-02.

1. Description of the Procedures for Safe Use, Handling and Storage of the Attenuation Device

a. Personnel Monitoring: All persons working around the attenuation device will be wearing whole body film badges and TLD ring badges.

b. Radiological Surveys: Radiological surveys are not necessary since the source is a stationary sealed source. However, a quarterly radiation level survey will be performed.

c. The sealed source is installed in SPECT camera gantry. Hence, it is secure. During working hours, it is always under the surveillance of the Nuclear Medicine technologists. During off working hours, the doors to the device room are locked and the VA Medical Center police/security monitor the locked room. This room is classified as a 'Restricted Area' and the general public is not allowed to enter freely.

d. During source exchange, one of the Nuclear Medicine technologists, Nuclear Medicine supervisor, or the Radiation Safety Officer or alternate will be present.

e. Leak Testing: Leak testing of the sealed sources will be performed every six months.

f. Emergency Procedures: There is no shutter. The sealed transmission source emits photons from a 1 mm collimated aperture on the housing. During loading, if the sealed source is bent or broken, the ADAC personnel who are the installers of source are responsible. VA Medical Center personnel will leave the area and remove the patients from the adjoining room and inform the Radiation Safety Officer. Until the situation is under control, only authorized persons will enter the area. VA Medical Center personnel will not enter the area and patients will not be imaged until permission is granted by the Radiation Safety Officer.

2. You can amend our license to posses 300 millicuries per source for a total activity of 1200 millicuries to allow for two spare sources.

Thank you for your cooperation and please expedite the amendment. If you have any questions regarding this, please contact me at (502) 894-6262.

Sincerely,

Ibrahim B. Syed

Ibrahim B. Syed, Sc.D.
Radiation Safety Officer

DEPARTMENT OF VETERANS AFFAIRS
Medical Center
Louisville, KY 40206

November 8, 1996

In Reply Refer To: 603/001R

Mr. Charles Hosey
Chief, Materials Licensure Branch
U.S. Nuclear Regulatory Commission, Region II
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323-0199

Ref: Removal Co-60 Bar Irradiator from License

Subj: Amendment for License No. 16-03121-02

Dear Mr. Hosey:

Please amend our license and delete the possession of 5.23 Curies of Cobalt-60 sealed source in the Bar-Ray Cobalt-60 Irradiator. On November 4, 1996, J.L. Shepherd and Associates took possession of and title to Bar Ray Cobalt-60 Irradiator containing 5.23 Curies of Cobalt-60. A copy of Source/Device Possession Transfer is herewith enclosed.

Wipe tests and radiation levels around the source were monitored at the time of transfer of the source to J.L. Shepherd and Associates. All the readings were at background level. A copy of the wipe test and radiation level readings is also enclosed.

If you have any questions, please contact Dr. Ibrahim B. Syed, Radiation Safety Officer, at (502) 894-6262.

Sincerely,

Larry L. Sander, FACHE
Medical Center Director

Enclosures

LEAK TEST REPORT

Leak test performed on the Cobalt-60 Irradiator source head (BAR RAY, Model M-FC)

Date Leak Test was performed: November 4, 1996

Instrument Used: Capintec Scintillation Well Counter (Captus 2000)
Model No. SWC, S/N: 370

Date of Last Calibration: 10-4-96
Leak Test performed by: Ibrahim B. Syed, R.S.O.

(1) Background activity = 289 dpm/100 cm2

(2) Net Swipe activity = 0 dpm/100 cm2
(source load side) (left side)

(3) Net activity = 0 dpm/100 cm2
(source port end below)

(4) Net Swipe activity = 0 dpm/100 cm2
(beam port)

(5) Net Swipe activity = dpm/100 cm2
(outside) (right side)

RESULTS: Activity of the swipe is indistinguishable from background activity.

Ibrahim B. Syed

Ibrahim B. Syed, Sc.D.
Radiation Safety Officer

RADIATION LEVEL SURVEY REPORT

Radiation Level Survey on the Cobalt-60 Irradiator source head (BAR RAY, Model M-FC)

Date Radiation Level Survey performed: November 4, 1996

Instrument used: BicRon -50 S/N: 153 P, Detector Model No. SW6M, S/N: A 135 P

Date of last calibration: February 14, 1996

Radiation Level Survey performed by: Ibrahim B. Syed, Sc.D.

(1) Background radiation level = 0.06 mR/hr

(2) Left side of source head = 0.05 mR/hr

(3) Below source port = 0.03 mR/hr

(4) At source port = 0.05 mR/hr

(5) Right side of source head = 0.04 mR/hr

RESULTS: The radiation levels around the source head are indistinguishable from background level.

Ibrihim B. Syed, Sc.D., R.S.O.

J.L. SHEPHERD & ASSOCIATES
1010 ARROYO AVE., SAN FERNANDO, CALIFORNIA 91340-1822
818-898-2361 FAX 818-361-8095

CERTIFICATION OF SOURCE/DEVICE POSSESSION TRANSFER

This document is to certify that on or about November 4, 1996, J.L. Shepherd and Associates took possession of and title to a Bar Ray Cobalt-60 irradiator containing approximately 5 Curies Cobalt-60, at 800 Zorn Ave., Louisville, Ky 40206.
The transfer preparation for shipment took place under the direct supervision of J.L. Shepherd and Associates' engineer, working under J.L. Shepherd and Associates State of California Radioactive Materials License 1777-70, Amendment 70, Expiration Date 10/11/95, with State of California issued Letter of Timely Renewal, Dated September 21, 1995, in accordance with 10CFR40.51 all regulatory agency licensing and transportation requirements. J.L. Shepherd and Associates per the attached license, or our designated hot cell facility, is licensed to receive, possess and store this source/device.

Abraham B. [illegible] Dated: Nov. 4, 1996
V.A. Medical Center, Louisville, Ky

Mich[illegible] For Dated: Nov 4, 96

J.L. Shepherd
President
J.L. Shepherd and Associates

JLSHEPHERD & ASSOCIATES
1010 ARROYO AVE., SAN FERNANDO, CALIFORNIA 91340-1822
818-898-2361 FAX 818-361-8095

TRIP REPORT

JLS&A REPRESENTATIVE: MIKE NOVAK

DATE: 11-04-96/11-05-96 HOURS: _____ COMPLETE: YES or NO

CUSTOMER'S NAME: V A MEDICAL CENTER/LOUISVILLE KY.

CONTACT: DR. IBRAHIM B. SYED PHONE #: (502)894-6262

ADDRESS: 8000 ZORN AVE. (UNDERGROUND VAULT) P.O.#: V603P-2763
LOUISVILLE, KY 40206 JOB #: 98423
(BESIDE BLDG. 12)

DEVICE: BAR RAY COBALT-60 IRRADIATOR S.N. _____

REASON FOR VISIT: REMOVAL & DECOMMISSION OF COBALT-60 IRRADIATOR

STATEMENT OF WORK: Remove + Decommission Cobalt-60 Irradiator

PARTS USED: NONE

PARTS REQUIRED TO COMPLETE: NONE

FUTURE MAINTENANCE REQUIRED: NONE

The following signatures acknowledge that the above work has been performed satisfactorily.

CUSTOMER'S SIGNATURE

JLS&A REPRESENTATIVE

October 29, 1996

Department of Veterans Affairs
Medical Center
ATTN: Dr. Ibrahim B. Syed
Radiation Safety Officer
800 Zorn Avenue
Louisville, KY 40206

SUBJECT: REQUEST FOR INFORMATION ABOUT MATERIALS LICENSE AMENDMENT
(REFERENCE: 257190; DOCKET NO. 030-01747)

Dear Dr. Syed:

This refers to your letter dated August 30, 1996, for amendment of License No. 16-03121-02.

In reference to the addition of gadolinium 153 sealed sources to your license, I need the following information and/or clarification to continue my review. Please provide:

1. A description of the procedures for safe use, handling and storage of the attenuation device including: (a) personnel monitoring requirements; (b) radiological surveys; (c) physical security and access control during both use and storage conditions; (d) source exchange; (e) leak testing; and (f) emergency procedures to include, as a minimum, actions you will take in the event a shutter fails to close or a sealed source is bent or broken during loading.

2. In your letter you ask for a possession limit not to exceed 400 millicuries per source and 800 millicuries total activity. The Registry of Radioactive Sealed Sources and Devices indicates a maximum activity of 300 millicuries per housing and 600 millicuries per device. We typically amend the license to indicate a limit of 300 millicuries per source for a total activity of 1200 millicuries to allow for two spare sources. Please advise if this will meet your needs.

When replying please refer to Mail Control No. 257190 and provide two copies of the requested information.

Thank you for your cooperation in this matter. If you have any questions about this letter or your license, please call me at 404/331-2687 (FAX: 404/331-5559).

Sincerely:

/S/

Orysia Masnyk Bailey
Radiation Specialist
Division of Nuclear Materials Safety

Docket No. 030-01747
License No. 16-03121-02

cc: Commonwealth of Kentucky

Distribution:
PUBLIC
RII Docket File, DNMS

* See previous concurrence

OFFICE	RII:DNMS	RII:DNMS	RII:DNMS			
SIGNATURE						
NAME	OMasnykBailey*	JPotter**	HBermudez			
DATE	10 / 29 / 96	10 / 29 / 96	10 / 29 / 96	10 / / 96	10 / / 96	10 / / 96
COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DNMS\MCIB2\257190.OMM

DEPARTMENT OF VETERANS AFFAIRS
Medical Center
St Louis MO 63125

In Reply Refer To:

September 10, 1996

U.S. Nuclear Regulatory Commission
Region II
Attn: Diane Heim
101 Marietta Street, Suite 2900
Atlanta, GA 30323

SUBJECT: NRC License No. 16-03121-02

The enclosed correspondence from the Louisville, Kentucky VA Medical Center has been received and is forwarded to your office for processing. If there are questions, please contact the facility.

Please provide a copy of any correspondence relative to licensing actions for this Medical Center to:

Department of Veterans Affairs
Health Physics Programs (115HP)
915 North Grand Blvd.
St. Louis, MO 63106

Sincerely,

Cindy Bukowsky

for

Francis K. Herbig
Health Physics Programs

DEPARTMENT OF VETERANS AFFAIRS
Medical Center
800 Zorn Avenue
Louisville, KY 40206

August 30, 1996

In Reply Refer To: 603/001R

Mr. Charles Hosey
Chief, Materials Licensure Branch
U.S. Nuclear Regulatory Commission, Region II
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323-0199

REF: 800 mCi of Gd-153 Line Sources

SUBJ: Amendment for License No. 16-03121-02

Dear Mr. Hosey:

Please amend our license to possess and use two Gadolinium-153 sealed sources (North American Scientific Model MED3601) not to exceed 400 millicuries per source and 800 millicuries total activity.

These sealed line sources are required for use in an ADAC Laboratories Model Vantage device for patient attenuation correction during S.P.E.C.T. Imaging.

If you have any questions, please contact Dr. Ibrahim B. Syed, Radiation Safety Officer, at (502) 894-6262.

Sincerely,

Larry T. Sander, FACHE
Medical Center Director

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL # of pages: 1

To Cindy From Diane Reil

Dept./Agency VA Central Phone # 404-331-4677

Fax # 314-289-6423 Fax #

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

DEPARTMENT OF VETERANS AFFAIRS
Medical Center
800 Zorn Avenue
Louisville, KY 40206

August 30, 1996

In Reply Refer To: 603/001R

•Mr. Charles Hosey
Chief, Materials Licensure Branch
U.S. Nuclear Regulatory Commission, Region II
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323-0199

REF: 800 mCi of Gd-153 Line Sources

SUBJ: Amendment for License No. 16-03121-02

Dear Mr. Hosey:

Please amend our license to possess and use two Gadolinium-153 sealed sources (North American Scientific Model MED3601) not to exceed 400 millicuries per source and 800 millicuries total activity.

These sealed line sources are required for use in an ADAC Laboratories Model Vantage device for patient attenuation correction during S.P.E.C.T. Imaging.

If you have any questions, please contact Dr. Ibrahim B. Syed, Radiation Safety Officer, at (502) 894-6262.

Sincerely,

Larry J. Sander, FACHE
Medical Center Director