Medical Center

2300 Ramsey St.
Fayetteville NC 28301

Veterans Administration

I John Glenn
Forward Rejoice

TLAMBA

AUG 2 3 1989

In Reply Refer To: 565/115

Director
Office of Nuclear Materials Safety and Safeguards
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

THRU: Mid-Atlantic Regional Director (10WA7/115)
VA Central Office
Washington, D. C. 20020

SUBJ: Request for Amendment to NRC Byproduct Materials License
License Number 32-13654-01
Amendment No. 26
Licensee---Veterans Administration Medical Center
2300 Ramsey Street
Fayetteville, North Carolina 28301
Expiration Date: April 30, 1991

1. The purpose of this amendment is to add Norina E. DeRose, M. D. to the facility's license as an authorized user. A copy of the Florida State License, on which Dr. DeRose was an authorized user, is enclosed.

2. At the same time, we would like to notify you of the following:

a. Name change of the facility from the Veterans Administration Medical Center to the **VETERANS AFFAIRS MEDICAL CENTER.**

b. Please delete the following authorized users from our license, as they no longer work at our facility:

(1) Beverly A. Davis, M. D.
(2) Indukumar M. Solanki, M. D.

3. Also, we would like to change procedures in three areas to bring them in line with current regulations. We do not believe that these changes will result in radiation exposure to individuals or that they will change the ALARA Program.

a. In our license application of Februrary 27, 1986, under Item #12, Personnel Training Program, paragraph 6, states "Medical Center personnel whose duties do not involve work in NMS are shown a film concerning radiation safety yearly".

Proposed Change: We would like to delete this requirement and use the requirement of training employees which work in the vicinity of radioactive materials as required in 10 CFR 19.12 as spelled out in paragraph 4 of the same item.

b. Item 14, in the same application, details our procedures for opening packages.

Proposed Change: We would like to substitute the Model Procedure for Opening Packages that is published in Appendix L of Regulatory Guide 10.8, Revision 2, dated August 1987.

To assay wipe samples as specified under 2e, we will use our TM Analytic 1185 Gamma Counter. Over the past year, the detection efficiency has been about 75-76%.

c. In Item 18 of the application, we stated that Mo-99/Tc-99m generators will be disposed of by a commercial waste disposal service, for which we specified Chem-Nuclear Systems, Inc., of Columbia, S. C.

Proposed Change: We would like to use the Model Procedure for Waste Disposal that is published in Appendix R of Regulatory Guide 10.8, Revision 2, dated August 1987.

The only significant change appears to be the disposal of columns of Mo-99/Tc-99m generators in the ordinary trash after the proper procedure for decay-in-storage and dismantling has been accomplished.

4. Your favorable consideration is appreciated.

A. G. BRANCH
Director

Enclosure

9/20/84

JAMES W. FLETCHER, M.D.
Director, Nuclear Medicine Service (115)
Veterans Administration
Washington, DC 20420

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
OFFICE OF RADIATION CONTROL

RADIOACTIVE MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number 845-1
AMENDMENT NO. 20
(5B) (D92)

6. Radioactive material (element and mass number)	7. Chemical and/or physical form	8. Maximum quantity licensee may possess at any one time
F. Cobalt 57	F. Any source approved by the U.S. Nuclear Regulatory Commission, an Agreement State or a Licensing State.	F. No single source to exceed that activity authorized for each source model number.

9. Authorized Use.

A. Any diagnostic procedure listed in Groups I and II of Schedule C, Part III of Chapter 10D-91, F.A.C.

B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III of Schedule C, Part III of Chapter 10D-91, F.A.C.

C. Any therapeutic procedure listed in Group IV of Schedule C, Part III of Chapter 10D-91, F.A.C.

D. Any therapeutic procedure listed in Group V of Schedule C, Part III of Chapter 10D-91, F.A.C.

E. To be used for pulmonary function and blood flow studies.

F. To be used as a calibration or reference source.

CONDITIONS

10. The authorized place of use shall be at licensee's facility located at the address in Item 2, above.

11. Failure to comply with the provisions of this license is a felony of the third degree pursuant to Section 404.161, Florida Statutes. Also, violations may warrant an administrative fine of up to $1,000.00 per violation per day, pursuant to Section 404.162, Florida Statutes.

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12. Licensed material listed in Item 6 is authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized Material and Uses	Names
All licensed material	Morton Blumberg, M.D. Sean Kaufman, M.D.
Groups I, II, III, IV, xenon 133 and cobalt 57	Linda Hope Ripstein, M.D.
Groups I, II, III, xenon 133 and cobalt 57	Giomar Gonzalez, M.D. Norina E. DeRose, M.D.

13. The licensee shall comply with the provisions of Chapter 10D-91, Florida Administrative Code, Part X, "Notices, Instructions and Reports to Workers; Inspections" and Part IV, "Standards for Protection Against Radiation".

14. For a period not to exceed sixty (60) days in any calendar year, a visiting physician is authorized to use licensed material for human use under the terms of this license, provided the visiting physician:

(a) Has the prior written permission of the hospital's Administrator and its Radiation Safety Committee, and

(b) Is specifically named as a user on a State of Florida Radioactive Materials License authorizing human use, and

(c) Performs only those procedures for which he is specifically authorized by a State of Florida Radioactive Materials License, and which are specifically authorized by this license.

The licensee shall maintain for inspection by the Department of Health and Rehabilitative Services, copies of the written permission specified in paragraph (a), above, and of the license(s) specified in paragraphs (b) and (c), above. These records shall be maintained for three (3) years from the time the licensee grants its permission under paragraph (a), above.

15. Sealed sources containing licensed material shall not be opened.

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16. A. (1) Each sealed source containing licensed material, other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor, indicating that a test has been made within six months prior to the transfer, a sealed source received from another person 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. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Department of Health and Rehabilitative Services.

C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Department of Health and Rehabilitative Services regulations. A report shall be filed within five (5) days of the test with the Office of Radiation Control, Radioactive Materials Program, Department of Health and Rehabilitative Services, 1317 Winewood Boulevard, Tallahassee, Florida 32399-0700, describing the equipment involved, the test method used, the test results and the corrective action taken.

D. The test sample (smear) shall be taken by the licensee using an approved leak test kit. Analysis of the test sample for leakage and/or contamination shall be performed by persons specifically authorized by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.

17. Any therapeutic dose of iodine-131 that is received under the authority of this license shall be received in capsule form only.

18. Phosphorus 32 and any other pure beta emitting radiopharmaceutical that is received under the authority of this license shall be received in single dose aliquots.

19. Patients containing iodine 131 or gold 198 shall remain hospitalized until the residual activity is 30 millicuries or less.

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20. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal as ordinary trash provided that all of the following are met:

A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of ten (10) half-lives.

B. Immediately prior to disposal as ordinary trash, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background using an appropriate low-level radiation detection instrument.

C. All radiation labels will be removed or obliterated.

D. Generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.

E. Records of such disposal shall be maintained.

21. The licensee shall not transfer possession and/or control of radioactive material, or products containing radioactive material as a contaminant except:

A. By transfer to a specifically licensed recipient; or

B. As provided otherwise by specific provision of this license pursuant to the requirements of the "Florida Control of Radiation Hazard Regulations", Chapter 10D-91, Florida Administrative Code.

22. A. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, 8 and 9 of this license in accordance with statements, representations, and procedures contained in the licensee's application dated March 28, 1985, signed by Phillip Mazzuca, Administrator, and correspondence dated:

December 12, 1986; and
February 4, 1987, both signed by Anthony Degina, Administrator.

B. The licensee shall comply with all applicable requirements of the "Florida Control of Radiation Hazard Regulations", Chapter 10D-91, Florida Administrative Code, and these Regulations shall supersede the licensee's statements in applications or correspondence, unless the statements are more restrictive than the Regulations.

For the Office of Radiation Control

Date November 3, 1987

Michael N. Stephens
Public Health Physicist

Licensee - White
Central Files - Canary
U.S.N.R.C. - Pink
Office - Canary
Field Files - Pink

HRS Form 177, Jan 87 (Replaces previous editions)