

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.

<p>Licensee</p> <p>1. St. John Medical Center</p> <p>2. 1923 South Utica Avenue Tulsa, Oklahoma 74104</p>	<p>In accordance with letter dated April 18, 1997</p> <p>3. License number 35-00376-02 is amended in its entirety to read as follows:</p> <p>4. Expiration date January 31, 2006</p> <p>5. Docket or Reference No 030-02872</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material identified in 10 CFR 35.100</p> <p>B. Any byproduct material identified in 10 CFR 35.200</p> <p>C. Any byproduct material identified in 10 CFR 35.300</p> <p>D. Any byproduct material identified in 10 CFR 35.400</p> <p>E. Any byproduct material identified in 10 CFR 35.500</p> <p>F. Any byproduct material identified in 10 CFR 31.11</p> <p>G. Any byproduct material between atomic numbers 3 and 83</p>	<p>7. Chemical and/or physical form</p> <p>A. Any radiopharmaceutical identified in 10 CFR 35.100</p> <p>B. Any radiopharmaceutical identified in 10 CFR 35.200</p> <p>C. Any radiopharmaceutical identified in 10 CFR 35.300</p> <p>D. Any brachytherapy source identified in 10 CFR 35.400</p> <p>E. Sealed sources for diagnostic devices identified in 10 CFR 35.500</p> <p>F. Prepackaged Kits</p> <p>G. Analytical Samples</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 500 millicuries</p> <p>D. As needed</p> <p>E. As needed</p> <p>F. As needed</p> <p>G. See 9.G. below</p>

150023



ML40

OFFICIAL RECORD COPY

9705150235 970430
PDR ADDCK 03002872
C PDR

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

35-00376-02

Docket or Reference Number

030-02872

Amendment No. 81

9. Authorized Use

- A. Medical use described in 10 CFR 35.100.
- B. Medical use described in 10 CFR 35.200.
- C. Medical use described in 10 CFR 35.300.
- D. Medical use described in 10 CFR 35.400 and, for Cesium-137, commercial calibration of survey meters and personnel dosimeters.
- E. Medical use described in 10 CFR 35.500.
- F. In vitro studies.
- G. For possession incident to the performance of wipe testing of customers' sealed sources.

CONDITIONS

10. Locations of use:

- A. Material identified in Items 6.A. through 6.F. may be used at the licensee's facilities at 1923 S. Utica Avenue, Tulsa, Oklahoma.
- B. Material identified in Item 6.E. may be used at the licensee's facilities at 1819 E. 19th Street, Tulsa, Oklahoma.
- C. Material identified in Items 6.A. through 6.B. may be used at the licensee's facilities at the Health Plaza - 3rd floor, 1819 E. 19th Street, Tulsa, Oklahoma.
- D. Material identified in Item 6.G. may be used at the Doctor's Building, 1705 E. 19th Street, Tulsa, Oklahoma, and at temporary job sites of the licensee anywhere in the United States where the Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
- E. Material identified in Item 6.D. may be stored at the Doctor's Building, 1705 E. 19th Street, Tulsa, Oklahoma.

11. The Radiation Safety Officer for this license is Keith M. Jones, Ph.D.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

35-00376-02

Docket or Reference Number

030-02872

Amendment No. 81

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

Authorized UsersMaterial and Use

James Arnold, M.D.

For material identified in 10 CFR 35.100, 35.200, and 35.500.

W. P. Haney, M.D.

For material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.

Diana M. Heaton, M.D.

For material identified in 10 CFR 35.400.

A. E. Feen, M.D.

For material identified in 10 CFR 35.400 and 35.500.

R. F. Barbee, M.D.

For material identified in 10 CFR 35.100, 35.200, 35.300, 35.400, 35.500, and 31.11.

David G. Schwarz, M.D.

For material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.

Daniel C. Dennehy, M.D.

For material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, 31.11.

Reese E. James, M.D.

For material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.

Richard Laughlin, M.D.

For material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.

Elizabeth Macedo, M.D.

For material identified in 10 CFR 35.100, 35.200, and 35.500; iodine-131 for treatment of hyperthyroidism and cardiac dysfunction.

Brian Cosmann, M.D.

For material identified in 10 CFR 35.100, 35.200, 35.500, and 31.11; iodine-131 for treatment of hyperthyroidism and cardiac dysfunction.

Sandra Ridings, M.D.

For material identified in 10 CFR 35.100, 35.200, and 35.500.

Todd Harris, M.D.

For material identified in 10 CFR 35.100, 35.200, and 35.500.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

35-00376-02

Docket or Reference Number

030-02872

Amendment No. 81

Authorized Users

Jack J. Mocnik, M.D.

Matthew G. Powers, M.D.

Janice H. Witt, M.D.

Keith M. Jones, Ph.D.

Charles T. Dolan, M.D.

Kenneth C. Hoffman, M.D.

William W. Sheehan, M.D.

Amjad Iqbal, M.D.

John J. Pippin, M.D.

Timothy Lind, M.D.

James R. Geurin, M.D.

James J. Nemec, M.D.

Mark David Kraemer, M.D.

Material and Use

For material identified in 10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.

For material identified in 10 CFR 35.100, 35.200, 35.500, and 31.11; iodine-131 for treatment of hyperthyroidism and cardiac dysfunction; phosphorus-32 as soluble phosphate for treatment of polycythemia vera, leukemia, and bone metastases.

For material identified in 10 CFR 35.400 and 35.500.

For sealed sources for instrument calibration; non-sealed sources for uses identified in letter dated January 4, 1989; any byproduct material between atomic numbers 3 and 83 for performance of wipe testing of sealed sources.

For material identified in 10 CFR 31.11.

For material identified in 10 CFR 31.11.

For material identified in 10 CFR 31.11.

For material identified in 10 CFR 35.200.

For material identified in 10 CFR 35.200 for cardiovascular clinical procedures.

For material identified in 10 CFR 35.100, 35.200, and 35.500.

For material identified in 10 CFR 35.400.

For material identified in 10 CFR 35.200 for cardiovascular clinical procedures.

For material identified in 10 CFR 35.100, 35.200, and 35.300.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

35-00376-02

Docket or Reference Number

030-02872

Amendment No. 81

Authorized Users

Stanley P. Defehr, M.D.

Charles E. Caron, M.D.

Stephen C. Dobratz, M.D.

Mohamad Amer Mahayni, M.D.

Buckley terPenning, M.D.

Thomas Wallace, M.D.

Material and Use

For material identified in 10 CFR 35.200.

For material identified in 10 CFR 35.200.

For material identified in 10 CFR 35.200.

For material identified in 10 CFR 35.200.

For material identified in 10 CFR 35.200.

For material identified in 10 CFR 35.200.

13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
14. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
15. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

35-00376-02

Docket or Reference Number

030-02872

Amendment No. 81

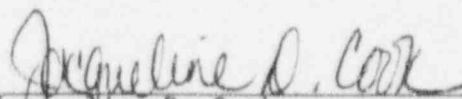
16. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The U.S. 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 December 9, 1993
- B. Letter dated March 7, 1994
- C. Letter dated December 22, 1995
- D. Letter dated November 18, 1996
- E. Letter dated April 8, 1997
- F. Letter dated April 28, 1997

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date APR 30 1997

By



Jacqueline D. Cook
Nuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

April 30, 1997

St. John Medical Center
ATTN: Keith M. Jones, Ph.D.
Radiation Safety Officer
1923 South Utica Avenue
Tulsa, OK 74104

SUBJECT: LICENSE AMENDMENT

Please find enclosed License No. 35-00376-02. You should review this license carefully and be sure that you understand all conditions. If you have any questions, you may contact the reviewer who signed your license at 817-860-8132.

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public which can result from failure to comply with NRC requirements, 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).
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. Maintain in a single document decommissioning records that have been certified for completeness and accuracy listing all the following items applicable to the license:
 - Onsite areas designated or formerly designated as restricted areas as defined in 10 CFR 20.3(a)(14) or 20.1003.
 - Onsite areas, other than restricted areas, where radioactive materials in quantities greater than amounts listed in Appendix C to 10 CFR 20.1001-20.2401 have been used, possessed, or stored.
 - Onsite areas, other than restricted areas, where spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site have occurred that required reporting pursuant to 10 CFR 30.50(b)(1) or (b)(4), including areas where subsequent cleanup procedures have removed the contamination.
 - Specific locations and radionuclide contents of previous and current burial areas within the site, excluding radioactive material with half-lives of 10 days or less, depleted uranium used only for shielding or as penetrators in unused munitions, or sealed sources authorized for use at temporary job sites.
 - Location and description of all contaminated equipment involved in licensed operations that is to remain onsite after license termination.
7. 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.
8. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

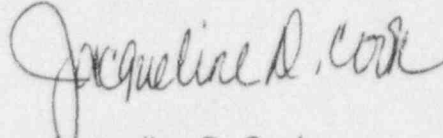
You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), 60 FR 34381, June 30, 1995.

St. John Medical Center

-3-

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads "Jacqueline D. Cook". The signature is written in dark ink and is positioned above the printed name.

Jacqueline D. Cook
Health Physicist
Nuclear Materials Licensing Branch

Docket: 030-02872
License: 35-00376-02
Control: 466366

Enclosures: As stated

APR 30 1997

St. John Medical Center

-4-

DOCUMENT NAME: P:\MLCOVER\LE\TER\STJOHN.MLC

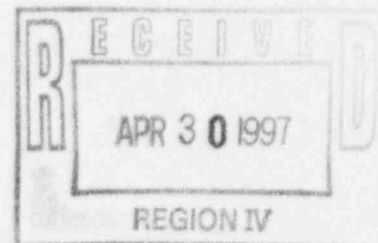
To receive a copy of this document, indicate in the box "C" - Copy without attachment/enclosure "E" - Copy with attachment/enclosure "N" - No Copy

RIV:NMLB	N						
JDCook	<i>JDCook</i>						
04/30/97							

OFFICIAL RECORD COPY

m/s#16 T9

4/28/97



Jacqueline D. Cook
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

License 35-00376-02
Docket No. 030-02872
Control No. 466366

Dear Ms. Cook:

This is in response to your fax of 4/24/97.

1. A copy of the most recent leak test is attached. Please note that only the brachytherapy sources and the Sr-90 sources were stored in the area in question.
2. These brachytherapy sources were moved into the old storage area in April of 1976. Wipe tests have been done at the required six month intervals by myself or by an assistant with final review by myself. No source leaks have ever been detected.

Sincerely,

Keith Jones, Ph.D.

Keith Jones, Ph.D.
Radiation Physicist

466366

Date Wiped 12/4/96
 Date Counted 12/4/96
 Done By KJ

Counting Instrument - Picker Spectro Scaler 4R (SJMC # 54905)

Gain (HV): 800
 LLD: 25400
 ULD: 254
 Counting Time 1 min
 Background 141 cts/min

Activity = $\frac{\text{Wipe cts/min} - \text{Bkg cts/min}}{\text{Std cts/min} - \text{Bkg cts/min}} \times \text{Std Act.}$

1. Brachytherapy Sources (Cs-137): 1733, 1727, 10-157, 815, 859, 15-89, 15-91, 20-11, 20-21, 340, 433, 646, 658, 224, 225, 2074, 2087, 814, 819, 40-0022, 40-0023, 15-05189, 15-05134, 20-343, 20-344

Wipe cts/min 160
 Std cts/min 6048
 Cs-137 Std = 0.110 uCi on 3/94. Now = .103

Wipe Activity = $\frac{103}{60507} \times 19 = .00003 \mu\text{Ci}$

2. Nuclear Medicine: Co-60 (3540281A-35), Ba-133 (3580381A-35), Cs-137 (356081A-13), Co-57 Vial (CR-28), Co-57 Flood (3.3 0021-01)

Wipe cts/min 156
 Std cts/min 6048
 Cs-137 Std = 0.110 uCi on 3/94. Now = .103

Wipe Activity = $\frac{15}{60507} \times 103 = .00003 \mu\text{Ci}$

3. Sr-90 Therapy Applicator: Tracerlab #644

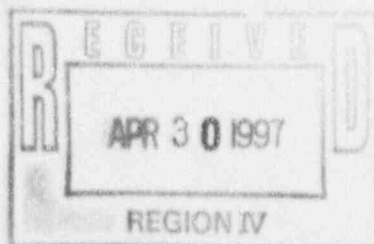
Wipe cts/min 169
 Std cts/min 4599
 Sr-90 Std = 0.005 uCi on 6/22/84. Now = .0037

Wipe Activity = $\frac{28}{4458} \times 0.0037 = .00002 \mu\text{Ci}$

4. Nuclear Cardiology: Cs-137 (S356018-011), Ba-133 (2512MA), Co-57 Vial (206082-01), Co-57 Flood (S32402-01)

Wipe cts/min 164
 Std cts/min 60648
 Cs-137 Std = 0.110 uCi on 3/94. Now = .103

Wipe Activity = $\frac{23}{60507} \times 103 = .00004 \mu\text{Ci}$



Kath Jones
 Radiation Safety Officer

466366

Also wiped SA-90 # ARL-B1-119 in Stage

w/r $\frac{22}{4458}$ - 163

ACT: $\frac{22}{4458} \times 0037 = .00002115$

1KJ



460366



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

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

FACSIMILE FORM

DATE/TIME: 4/24/97 12:50pm

PRIORITY: X Immediately
1 hour
2-4 hours

MESSAGE TO: Keith Jones, Ph.D.
St. John Medical Center

License No. 35-00376-02
Docket No. 030-02872
Control No. 466366

MESSAGE FROM: Jacqueline D. Cook
Health Physicist
Nuclear Materials Licensing Branch
U.S. NRC, Region IV

NUMBER OF PAGES: 1 PLUS TRANSMITTAL SHEET

TELECOPY NUMBER: (918) 744-3064

VERIFICATION NUMBER:

CONTACT:

SPECIAL INSTRUCTION/ ATTACHMENTS:

Dr. Jones,

Per our telephone conversation on April 24, 1997, the items on the next page are deficiencies which require your response. Please respond to this fax within 15 days. Our fax number is (817) 860-8263. If you have any questions regarding our discussion and this fax, please call me at (817) 860-8132. When responding to this fax, please include your license, docket and control numbers located at the top of this page. Thank you.

Jacqueline D. Cook
Health Physicist

TRANSMITTED & VERIFIED BY:

Jacqueline D. Cook

DISPOSITION

Return to Originator X
Place in Mail

Please respond to the following items as it pertains to your letter dated April 8, 1997:

1. Because only sealed sources were used and/or possessed at the old brachytherapy storage location, submit copies of the most recent leak test demonstrating that the sources did not leak while in your possession (i.e., if leak test results have been $< 0.005 \mu\text{Ci}$).
2. Confirm that the sealed sources never leaked, both while in your custody and upon arrival at the new brachytherapy storage location.



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

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

April 18, 1997

St. John Medical Center
ATTN: Charles Anderson
Vice-President
1923 South Utica Avenue
Tulsa, Oklahoma 74104

SUBJECT: ACKNOWLEDGMENT OF REQUEST FOR LICENSING ACTION

REFERENCE: LETTER DATED APRIL 8, 1997

We have completed the administrative review and initial processing of your application.

During the initial processing, no omissions/deficiencies were identified. Please note that the technical review may identify additional omissions in the submitted information or technical issues that require additional information.

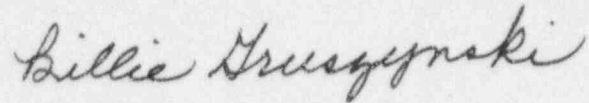
Amendment actions are normally processed within 60 days, unless the technical review identifies:

- Major technical deficiencies
- Decommissioning/decontamination activities are required before an application can be completed
- Confirmatory closeout surveys after decontamination/decommissioning activities are required before a license can be terminated or a facility removed from the license
- Policy issues are identified that require input and coordination with other NRC Regional offices, Agreement State offices, or NRC's Office of Nuclear Materials and Safeguards

A copy of your correspondence has been forwarded to our License Fee and Accounts Receivable Branch, Office of the Controller, who will contact you separately if the appropriate license fee has not been submitted for your request, or for billing if your request is subject to full cost recovery.

Any correspondence about this application should reference the Control number listed below.

Sincerely,

A handwritten signature in cursive script that reads "Billie Gruszynski".

Billie Gruszynski (Ms.)
Nuclear Materials Licensing Branch

License: 35-00376-02
Docket: 030-02872
Control: 466366

To receive a copy of this document, indicate in the box "C" - Copy without attachment/enclosure "E" - Copy with attachment/enclosure "N" - No Copy

OFFICE	RIV:NMLB	N						
NAME	BGruszynski <i>BG</i>							
DATE	4/18/97							

Acceptance Review Check List



Action Type:

- ☐ New
☒ Amendment
☐ Renewal

Mail Control

No. 466366

Initials of
Individual
Completing
Form

Date: 4/18/97

Administrative

Exclusion Items:

Requiring Return to Applicant:

O.K.

- ☐ Current Guidance Not Used
☐ References in Application Not to Current Regulations
☐ All Attachments Referenced Are Not Included
☐ Signature Not on Application

Technical Exclusion Items Requiring Technical Reviewer Time Estimates:

- ☐ Request for Expedited Handling for Radiation Safety/Business Concerns
☐ Request for Exemption to Specific Regulation(s)
☐ Change in Ownership Concerns
☐ Financial Assurance/DFP Required
☐ Decommissioning Plan Review
☐ Quality Management Plan
☐ Termination of License Requiring NRC Closeout Survey
☐ Bankruptcy Notification
☐ Approval of Long Term Storage/Alternative Form of Waste Disposal
☐ Facility Modifications Requiring Shielding Calculations
☐ Authorization to Possess and Use Large Quantities of Unsealed Materials
☐ HDR/Gamma Knife
☐ Major Increase in Authorized Users
☐ Approval of Training Program
☐ Approval of Incineration of Radioactive Waste
☐ Authorization For Sealed Source or Device Requiring SSD Approval Review
☐ Environmental Assessment or Impact Statement Required
☐ Emergency Plan Contingency Plan Required
☐ Type A Broad Scope/Complex Research & Development Application

Reviewer: _____

Estimate of Time Needed:

☐ 30 Days ☐ 60 Days ☐ 90 Days ☐ Other

Comments:

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02120
Status Code: 0
Fee Category: 7C 3P
Exp. Date: 20060131
Fee Comments: 3P EFF 11/24/93
Decom Fin Assur Req'd: N
.....

1997 APR 17 PM 1:42

LICENSE FEE TRANSMITTAL

A. REGION IV

1. APPLICATION ATTACHED

Applicant/Licensee: ST. JOHN MEDICAL CENTER
Received Date: 970414
Docket No.: 3002872
Control No.: 466366
License No.: 35-00376-02
Action Type: Amendment

2. FEE ATTACHED

Amount: 4
Check No.: 4

3. COMMENTS

* See below Signed Billie Mysynski
Date 4/15/97

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered ☒)1. Fee Category and Amount: 7C 3P

FEE NOT RECEIVED

2. Correct Fee Paid. Application may be processed for:

Amendment ☒
Renewal ☐
License ☐

Cont 466360

3. OTHER

Signed
Date

Rita Messier
4/17/97

* Continuation of m/c #466260. to:

RECEIVED BY LFMS	
Date	4/17/97
Log	Apr 2 IV
By	lem
Date Completed	4/17/97



ST. JOHN MEDICAL CENTER

Medical Excellence * Compassionate Care



FORTUNE CANCER CENTER

April 8, 1997



U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

RE: License No. 35-00376-02
Control No. 466260

Dear Sirs:

On April 7, 1997 we moved from our existing brachytherapy storage location to our new brachytherapy storage location at 1705 E. 19th Street, Tulsa, Oklahoma, as referred to in our license Amendment No. 80, Item 10 E.

A survey and wipe test was performed to ensure that no contamination or sources were present in the old brachytherapy storage location at 1923 S. Utica Avenue, Tulsa, Oklahoma. A survey of the storage cabinet as well as the storage room resulted in a maximum reading of less than 0.01 mrem/hr. A wipe test of the storage cabinet and counter resulted in a reading of 36 dpm.

All areas adjacent to the new brachytherapy storage room were surveyed once the brachytherapy sources had been moved. A pipe chase area East of the storage room measured 0.65 mrem/hr. All other areas were 0.2 mrem/hr or less.

As a continuation of our previous request under Control No. 466260, we request a fee exempt amendment to allow for unrestricted use of our old brachytherapy storage location at 1923 S. Utica Avenue, Tulsa, Oklahoma.

Sincerely,

Keith M. Jones, Ph.D.

Keith M. Jones, Ph.D.
Radiation Safety Officer