

NRC FORM 313 (4-2004) 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40 <div style="text-align: center;">U.S. NUCLEAR REGULATORY COMMISSION</div> <div style="text-align: center;">APPLICATION FOR MATERIAL LICENSE</div>	APPROVED BY OMB: NO. 3150-0120 Estimated burden per response to comply with this mandatory collection request: 7 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection. EXPIRES: 10/31/2005																
INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.																	
APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415	IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352 ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 811 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 76011-4005 <div style="text-align: right; font-size: 1.2em;">03033696 X</div>																
PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.																	
1. THIS IS AN APPLICATION FOR (Check appropriate item) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>29-30179-01</u>	2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) South Jersey Heart Group, P.C. 3001 West Chapel Avenue Cherry Hill, NJ 08002																
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED 3001 West Chapel Avenue Cherry Hill, NJ 08002	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Howard M. Weinberg, D.O. TELEPHONE NUMBER 856-667-4600																
SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.																	
5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.																
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.																
9. FACILITIES AND EQUIPMENT.	10. RADIATION SAFETY PROGRAM.																
11. WASTE MANAGEMENT.	12. LICENSE FEES (See 10 CFR 170 and Section 170.31) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">FEE CATEGORY</th> <th style="width: 10%;">AMOUNT ENCLOSED</th> <th style="width: 20%;">\$</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	FEE CATEGORY	AMOUNT ENCLOSED	\$													
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13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.																	
CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE Howard M. Weinberg DO FRC	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">SIGNATURE H.M.W. Weinberg</td> <td style="width: 40%;">DATE 12/6/04</td> </tr> </table>	SIGNATURE H.M.W. Weinberg	DATE 12/6/04														
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FOR NRC USE ONLY																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">TYPE OF FEE</th> <th style="width: 15%;">FEE LOG</th> <th style="width: 15%;">FEE CATEGORY</th> <th style="width: 15%;">AMOUNT RECEIVED</th> <th style="width: 15%;">CHECK NUMBER</th> <th style="width: 30%;">COMMENTS</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td>\$</td> <td> </td> <td> </td> </tr> </table>	TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS				\$			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">APPROVED BY</td> <td style="width: 40%;">DATE</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <div style="text-align: right; font-size: 1.2em;">136102</div>	APPROVED BY	DATE		
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS												
			\$														
APPROVED BY	DATE																

ITEM 7

Radiation Safety Officer

Howard M. Weinberg, D.O.

Documentation of training and experience for the above individual is under NRC license #29-30179-01 (South Jersey Heart Group, P.C.)

Authorized Users

Howard M. Weinberg, D.O.	35.200
Surendra K. Bagaria, M.D.	35.200
Joshua M. Crasner, D.O.	35.200
John N. Hamaty, D.O.	35.200
Anil G. Kothari, M.D.	35.200

Documentation of training and experience for the above individuals is under NRC license #29-30179-01 (South Jersey Heart Group).

ITEM 7.1

Duties and Responsibilities of the Radiation Safety Officer and Delegation of Authority

RSO Duties and Responsibilities

The RSO's duties and responsibilities include ensuring radiological safety and compliance with Nuclear Regulatory Commission and DOT regulations and the conditions of the license. These duties and responsibilities include ensuring the following:


- Activities involving license material that the RSO considers unsafe are stopped
- Radiation exposures are ALARA
- Up-to-date radiation protection procedures in the daily operation of the licensee's radioactive material program are developed, distributed, and implemented
- Possession, use, and storage of licensed material is consistent with the limitations in the license, the regulations, the SSDR Certificate (s), and the manufacturer's recommendations and instructions
- Individuals installing, relocating, maintaining, or repairing devices containing sealed sources are trained and authorized by an NRC or Agreement State license
- Personnel training is conducted and is commensurate with the individual's duties regarding licensed material
- Documentation is maintained to demonstrate that individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits or that personnel monitoring devices are provided
- When necessary, personnel monitoring devices are used and exchanged at the proper intervals, and records of the results of such monitoring are maintained
- Licensed material is properly secured
- Documentation is maintained to demonstrate by measurement or calculation, that the total effective dose equivalent to the individual likely to receive the highest dose from the licensed operation does not exceed the annual limit for members of the public
- Proper authorities are notified of incidents such as loss or theft of licensed material, damage to or malfunction of sealed sources, or fire
- Medical events are investigated and reported to the NRC. Cause(s) and appropriate corrective action(s) are identified, and timely corrective action(s) are taken
- Audits of the radiation protection program are performed at least annually and documented
- If violations of regulations or license conditions or program weaknesses are identified, effective corrective actions are developed, implemented, and documented
- Licensed material is transported in accordance with all applicable DOT requirements
- Licensed material is disposed of properly
- Appropriate records are maintained
- Up-to-date license is maintained and amendment and renewal requests are submitted in a timely manner.

ITEM 7.2

Delegation of Authority

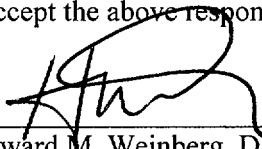
Memo To: Howard M. Weinberg, D.O.
From: Surendra K. Bagaria, M.D.
Subject: Delegation of Authority

You, Dr. Weinberg, have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of radioactive material by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety. You are required to notify management of situations where staff are not cooperating and not addressing radiation safety issues. It is estimated that you will spend 6-10 hours per week conducting radiation protection activities.



Surendra K. Bagaria, M.D.

I accept the above responsibilities,



Howard M. Weinberg, D.O.

ITEM 9
FACILITIES AND EQUIPMENT

Diagrams of areas within South Jersey Heart Group, P.C. where byproduct material is used or stored are enclosed:

- Item 9.1 is the existing Nuclear Medicine Department. There is no occupancy above or below the Department.

ITEM 9.2
EQUIPMENT/INSTRUMENTATION

Survey Meters

Sensitivity

Ludlum Model 14C with GM detector

0 – 2000 mR/hr

Radiation monitoring instruments will be calibrated by a person authorized by the NRC or an Agreement State to perform survey meter calibrations.

We reserve the right to upgrade our survey instruments as necessary as long as they are adequate to measure the type and level of radiation for which they are used.

Dose Calibrator

Capintec CRC-15R, or equivalent

Well Counter

Ludlum Model 2200 or equivalent

Diagnostic Instrumentation

Single Head SPECT Camera or Dual Head SPECT Camera

The actual manufacturer may change from the above list. The type of detector and range of use will be equivalent to the list above.

ITEM 9.3

DOSE CALIBRATOR AND OTHER DOSAGE MEASURING EQUIPMENT

Equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions.

ITEM 9.4

OTHER EQUIPMENT AND FACILITIES

Radiation Handling Equipment

To enable personnel to work safely with unsealed radioactive material, the Nuclear Medicine laboratory will have the proper radiation handling equipment. The following is a list of basic radiation handling equipment which is available in the Nuclear Medicine Department.

Shielding/Handling Equipment

L-Block with lead shield sides for dose preparation

Lead-lined waste container

Lead bricks (e.g., 2" X 4" X 8")

Lead syringe holders for transporting syringes containing radioactivity

Lead syringe shields for reducing exposure during injection of radiopharmaceuticals

Lead vial and container shields (pigs) for reducing exposure during transport and storage of vials, etc., that contain radioactive material

Remote handling devices (tongs)

If applicable, generators will be maintained in the manufacturer's lead shielding or additional lead shielding, e.g., bricks, will be utilized

Contamination Control

Laboratory coats or uniforms

Absorbent pads (absorbent layer backed by non-absorbent plastic material) for covering work surfaces

Disposable gloves

Decontaminating agents for decontaminating hands, utensils, work areas, etc.

Signs and labels indicating the presence of radioactive materials in areas or rooms where they are being used or stored. Labels on containers indicating radionuclide, activity, and date.

ITEM 10

RADIATION SAFETY PROGRAM

10.1 Occupational dose

We will provide dosimetry that meets the requirements listed under "Criteria" in NUREG-1556, Volume 9, "Consolidated Guidance About Materials Licensees: Program Specific Guidance About Medical Use Licensees", dated October, 2002.

10.2 Area Surveys

We have developed and will implement and maintain written procedures for area surveys in accordance with 10 CFR 20.1101 that meet the requirements of 10 CFR 20.1501 and 10 CFR 35.70.

10.3 Safe Use of Unsealed Licensed Material

We have developed and will implement and maintain procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101 and 10 CFR 20.1301.

10.4 Spill Procedures

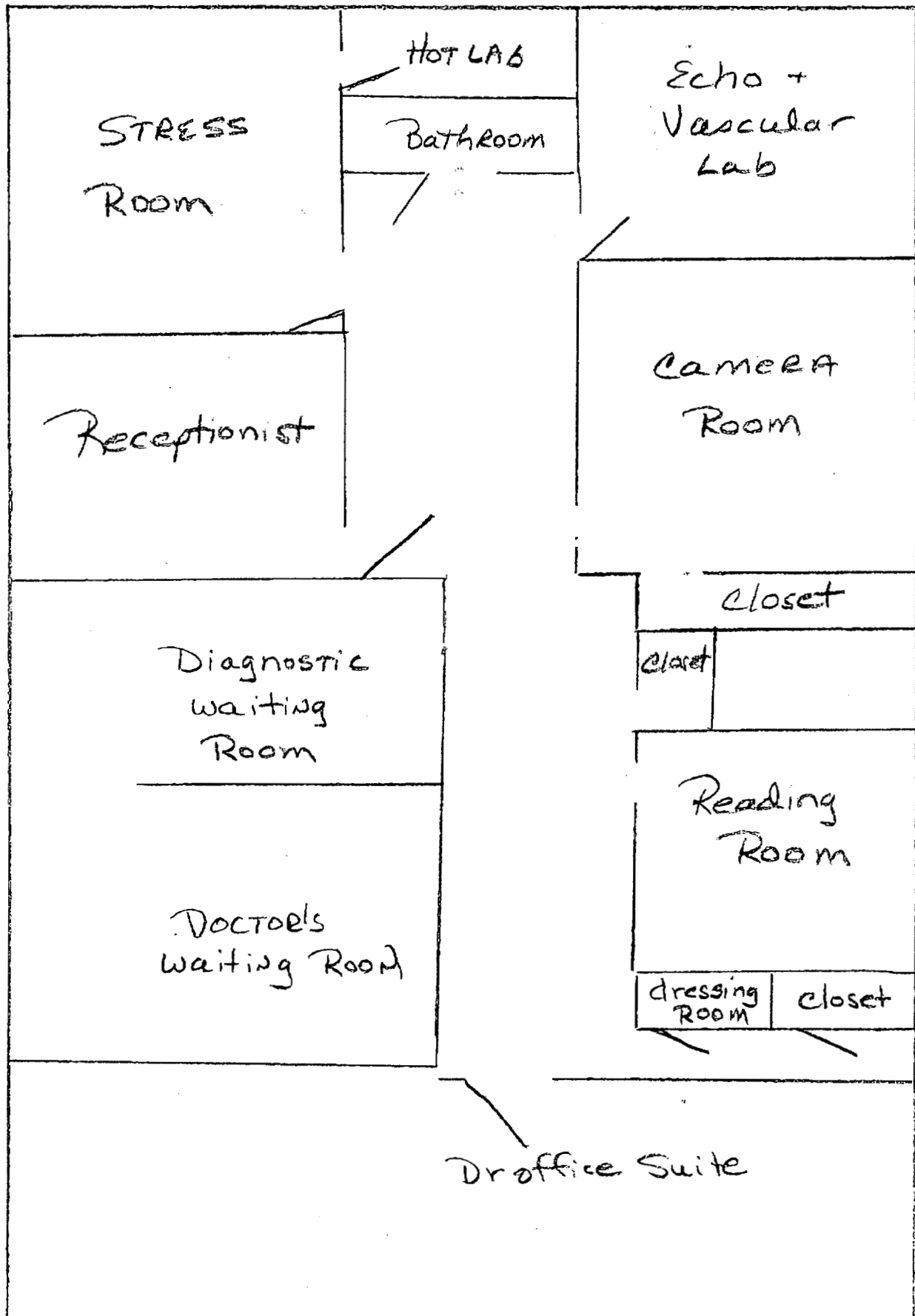
We have developed and will implement and maintain written procedures for safe response to spills of licensed material in accordance with 10 CFR 20.1101.

ITEM 11

WASTE MANAGEMENT

We have developed and will implement and maintain written waste disposal procedures for licensed material in accordance with 10 CFR 20.1101 that also meet the requirements of the applicable sections of Subpart K of 10 CFR Part 20 and 10 CFR 35.92.

Nuclear Center - Cherry Hill



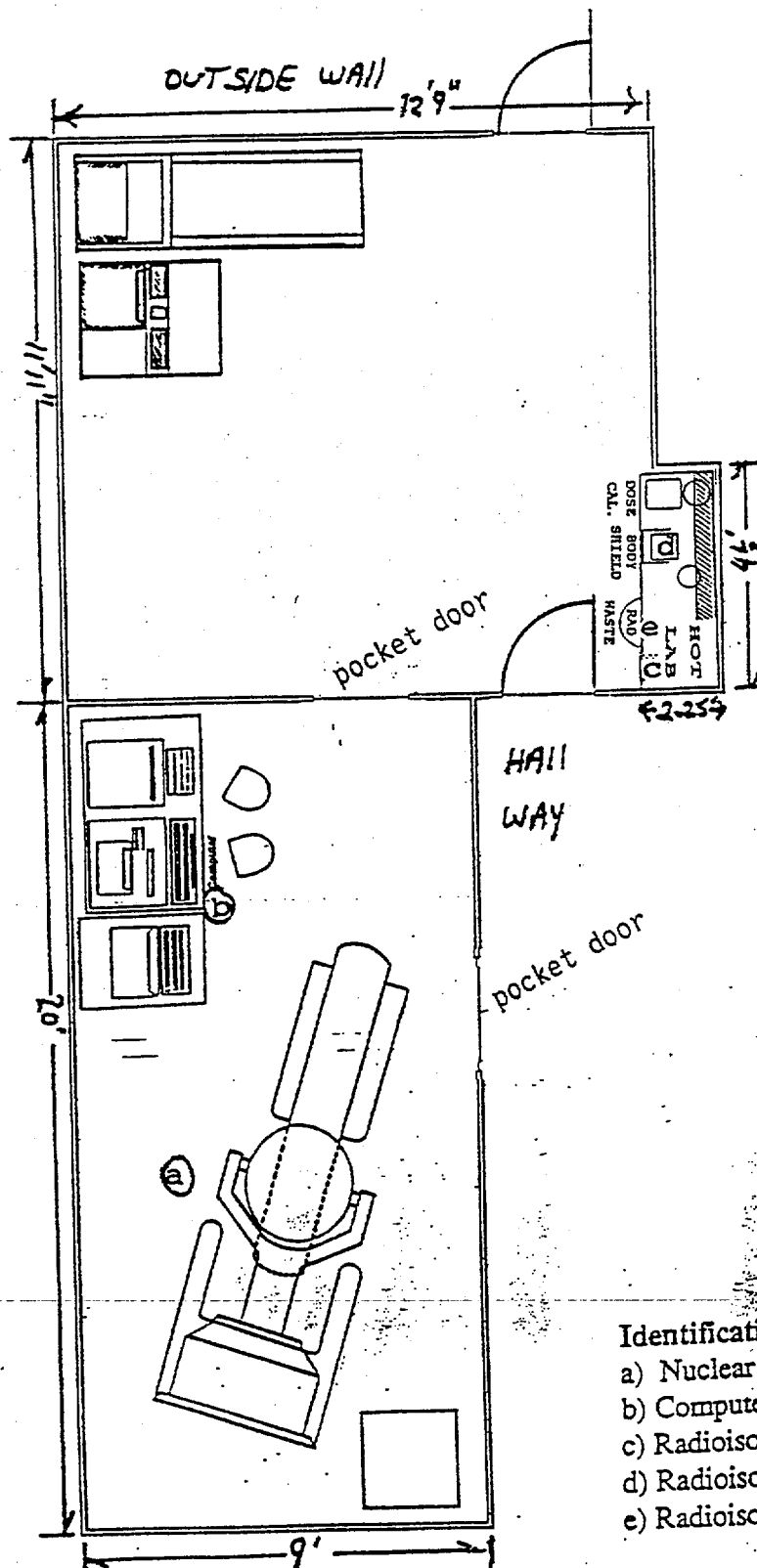
APPLICATION FOR MATERIAL LICENSE

Attachment E

Facilities—Annotated Drawing of the Radioisotope Facility

Scale: 1/4" = 1'0"
Direction: North

Shielding is indicated on the drawing
and on the following sheets of this application.



- Identification of Areas:
- a) Nuclear imaging area
 - b) Computer area
 - c) Radioisotope receipt
 - d) Radioisotope storage
 - e) Radioisotope waste

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, 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. South Jersey Heart Group, P.C. 2. 539 Egg Harbor Road Sewell, New Jersey 08080	In accordance with letter dated January 19, 1999, 3. License number 29-30179-01 is amended in its entirety to read as follows: 4. Expiration date January 31, 2005 5. Docket No. 030-33696 Reference No. 29-28557-01	
6. Byproduct, source, and/or special nuclear material A. Any byproduct material identified in 10 CFR 35.200	7. Chemical and/or physical form A. Any radiopharmaceutical identified in 10 CFR 35.200 except generators and gas	8. Maximum amount that licensee may possess at any one time under this license A. As needed
9. Authorized use: A. Any cardiac imaging and localization procedure approved in 10 CFR 35.200.		

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at 539 Egg Harbor Road, Sewell, New Jersey, and 3001 West Chapel Avenue, Suite 102, Cherry Hill, New Jersey..
11. The Radiation Safety Officer for this license is Howard M. Weinberg, D.O.
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of the following individual for the material and use indicated:

Authorized Users

Howard M. Weinberg, D.O.

Surendra K. Bagaria, M.D.

Material and Use

35.200 for cardiovascular clinical procedures

35.200 for cardiovascular clinical procedures

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

29-30179-01

Docket or Reference Number

030-33696 / 29-28557-01

Amendment No. 03

Authorized UsersMaterial and Use

Joshua M. Crasner, D.O.

35.200 for cardiovascular clinical procedures

John N. Hamaty, D.O.

35.200 for cardiovascular clinical procedures

Anil G. Kothari, M.D.

35.200 for cardiovascular clinical procedures

13. 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), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
15. 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 October 18, 1994
B. Letter dated November 18, 1994
C. Letter dated October 9, 1997
D. Letter dated January 19, 1999

For the U.S. Nuclear Regulatory Commission

*Original signed by Sattar Lodhi, Ph.D.*Date February 19, 1999

By

Sattar Lodhi, Ph.D.
Nuclear Materials Safety Branch 1
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

80330182

Items 5 and 6 on NRC Form 313: Radioactive Material And Use

Yes	Radionuclide	Form or Manufacturer/ Model No.	Maximum Quantity	Purpose of Use
	Any byproduct material permitted by 10 CFR 35.100	Any	As needed	Any uptake, dilution, and excretion study permitted by 10 CFR 35.100.
✓	Any byproduct permitted by 10 CFR 35.200	Any	As needed	Any imaging and localization study permitted by 10 CFR 35.200.
	Any by product material permitted by 10 CFR 35.300	Any	____ millicuries	Any radiopharmaceutical therapy procedure permitted by 10 CFR 35.300.
	Iodine-131	Any	____ millicuries	Administration of I-131 sodium iodide.
	Byproduct material permitted by 10 CFR 35.400 (Radionuclide _____)	Sealed source or device (Manufacturer _____, Model No. _____)	____ millicuries	Any brachytherapy procedure permitted by 10 CFR 35.400.
	Byproduct material permitted by 10 CFR 35.400 (Radionuclide _____)	Sealed source or device (Manufacturer _____, Model No. _____)	____ millicuries	Any brachytherapy procedure permitted by 10 CFR 35.400.
	Byproduct material permitted by 10 CFR 35.400 (Radionuclide _____)	Sealed source or device (Manufacturer _____, Model No. _____)	____ millicuries	Any brachytherapy procedure permitted by 10 CFR 35.400.
	Byproduct material permitted by 10 CFR 35.400 (Radionuclide _____)	Sealed source or device (Manufacturer _____, Model No. _____)	____ millicuries	Any brachytherapy procedure permitted by 10 CFR 35.400.
	Strontium-90	Sealed source or device (Manufacturer _____, Model No. _____)	____ millicuries	Treatment of superficial eye conditions using an applicator distributed pursuant to 10 CFR 32.74 and permitted by 10 CFR 35.400.

Yes	Radionuclide	Form or Manufacturer/ Model No.	Maximum Quantity	Purpose of Use
	Byproduct material permitted by 10 CFR 35.500 Check all that apply: <input type="checkbox"/> Gd-153; <input type="checkbox"/> I-125; <input type="checkbox"/> Other, describe	Sealed source or device (Manufacturer _____, Model No. _____)	____ curies per source and ____ curies total	Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).
	Iridium-192	Sealed source or device (Manufacturer _____, Model No. _____)	____ curies per source and ____ curies total	One source for medical use permitted by 10 CFR 35.600, in a Manufacturer _____, Model No. _____ remote afterloading brachytherapy device. One source in its shipping container as necessary for replacement of the source in the remote afterloader device.
	Cobalt-60	Sealed source or device (Manufacturer _____, Model No. _____)	____ curies per source and ____ curies total	One source for medical use permitted by 10 CFR 35.600, in a Manufacturer _____, Model No. _____ teletherapy unit. One source in its shipping container as necessary for replacement of the source in the teletherapy unit.
	Cobalt-60	Sealed source or device (Manufacturer _____, Model No. _____)	____ curies per source and ____ curies total	For medical use permitted by 10 CFR 35.600, in a Manufacturer _____, Model No. _____ stereotactic radiosurgery device. Sources in the shipping container as necessary for replacement of the sources in the stereotactic radiosurgery device.
	Any byproduct material under 10 CFR 31.11	Prepackaged kits	____ millicuries	<i>In vitro</i> studies.
	Depleted uranium	Metal	____ kilograms	Shielding in a teletherapy unit.

Yes	Radionuclide	Form or Manufacturer/ Model No.	Maximum Quantity	Purpose of Use
	Depleted uranium	Metal	___ kilograms	Shielding in a linear accelerator.
	Any radionuclide in excess of 30 millicuries for use in calibration, transmission, and reference sources. (List radionuclide: _____)	Sealed source or device (Manufacturer _____, Model No. _____)	___ millicuries	For use in a Manufacturer _____ Model No. _____ for calibration and checking of licensee's survey instruments.
	Americium-241	Sealed source or device (Manufacturer _____, Model No. _____)	___ millicuries per source and ___ millicuries total	Use as an anatomical marker.
	Plutonium (principal radionuclide Pu-238)	Sealed sources	___ millicuries per source and ___ grams total	As a component of Manufacturer _____ Model No. _____, nuclear-powered cardiac pacemakers for clinical evaluation in accordance with manufacturer's protocol dated _____. This authorization includes: follow-up, explantation, recovery, disposal, and implantation.
	Other	Form or Manufacturer/ Model No. _____	___ millicuries	Purpose of use _____

Items 7 through 11 on NRC Form 313: Training & Experience, Facilities & Equipment, Radiation Protection Program, and Waste Disposal

[illegible]

Item Number and Title	Suggested Response	Check box to indicate material included in application
Item 7: Authorized Users Names and Requested Uses for Each Individual _____	Previous license number (if issued by NRC) or a copy of the license (if issued by an Agreement State) on which the physician was specifically named as an AU for the uses requested. OR Copy of the certification(s) for the board(s) recognized by NRC under 10 CFR Part 35, Subparts D, E, F, G, H, and as applicable to the use requested. OR Description of the training and experience identified in 10 CFR Part 35 Subpart J demonstrating that the proposed AU is qualified by training and experience for the use requested. OR A description of the training and experience identified in 10 CFR Part 35 Subparts D, E, F, G, and H demonstrating that the proposed AU is qualified by training and experience for the use requested; AND Written certification, signed by a preceptor physician AU, that the above training and experience has been satisfactorily completed and that a level of competency sufficient to function independently as an AU for the medical uses authorized has been achieved. AND If applicable, description of recent related continuing education and experience as required by 10 CFR 35.59.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Item 7: Authorized Nuclear Pharmacists Names: _____	Previous license number (if issued by NRC) or a copy of the license (if issued by an Agreement State) on which the individual was specifically named ANP. OR Copy of the certification(s) for the radiopharmacy board(s) recognized by NRC under 10 CFR 35.55(a) or 10 CFR 35.980(a). OR Description of the training and experience demonstrating that the proposed ANP is qualified by training and experience. AND Written certification, signed by a preceptor ANP, that the above training and experience has been satisfactorily completed and that a level of competency • sufficient to function independently as an ANP has been achieved (10 CFR 35.55), or • sufficient to independently operate a nuclear pharmacy (10 CFR 35.980). AND If applicable, description of recent related continuing education and experience as required by 10 CFR 35.59.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Item Number and Title	Suggested Response	Check box to indicate material included in application
<p>Item 7: Authorized Medical Physicists</p> <p>Names: _____</p>	<p>Previous license number (if issued by NRC) or a copy of the license (if issued by an Agreement State) on which the individual was specifically named as an AMP for the units requested.</p> <p style="text-align: center;">OR</p> <p>Copy of the certification(s) for the board(s) recognized by NRC in 10 CFR 35.51(a) or 10 CFR 35.961(a) or (b).</p> <p style="text-align: center;">OR</p> <p>Description of the training and experience demonstrating that the proposed AMP is qualified by training and experience identified in 10 CFR 35.961(c) for the units requested.</p> <p style="text-align: center;">OR</p> <p>Description of the training and experience demonstrating that the proposed AMP is qualified by training and experience identified in 10 CFR 35.51(b) for the units requested.</p> <p style="text-align: center;">AND</p> <p>Written certification, signed by a preceptor AMP, that the above training and experience has been satisfactorily completed and that a level of competency sufficient to function independently as an AMP has been achieved.</p> <p style="text-align: center;">AND</p> <p>If applicable, description of recent related continuing education and experience as required by 10 CFR 35.59.</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>
<p>Item 9: Facility Diagram</p>	<p>A diagram is enclosed that describes the facilities and identifies activities conducted in all contiguous areas surrounding the area(s) of use. The following information is included:</p> <ul style="list-style-type: none"> • Drawings should be to scale, and indicate the scale used. • Location, room numbers, and principal use of each room or area where byproduct material is prepared, used or stored, as provided above under the heading "Discussion". • Location, room numbers, and principal use of each adjacent room (e.g., office, file, toilet, closet, hallway), including areas above, beside, and below therapy treatment rooms; indicate whether the room is a restricted or unrestricted area as defined in 10 CFR 20.1003; and • Provide shielding calculations and include information about the type, thickness, and density of any necessary shielding to enable independent verification of shielding calculations, including a description of any portable shields used (e.g., shielding of proposed patient rooms used for implant therapy including the dimensions of any portable shield, if one is used; source storage safe, etc.). <p>In addition to the above, for teletherapy and GSR facilities, applicants should provide the directions of primary beam usage for teletherapy units and, in the case of an isocentric unit, the plane of beam rotation.</p>	<p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>

Item Number and Title	Suggested Response	Check box to indicate material included in application
Item 10: Occupational Dose	<p>A statement that: "Either we will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the requirements listed under "Criteria" in NUREG-1556, Vol. 9, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Medical Use Licensees," dated October 2002."</p> <p>OR</p> <p>A description of an alternative method for demonstrating compliance with the referenced regulations.</p>	<input checked="" type="checkbox"/> <input type="checkbox"/>
Item 10: Area Surveys	A statement that: "We have developed and will implement and maintain written procedures for area surveys in accordance with 10 CFR 20.1101 that meet the requirements of 10 CFR 20.1501 and 10 CFR 35.70."	<input checked="" type="checkbox"/>
Item 10: Safe Use of Unsealed Licensed Material	A statement that: "We have developed and will implement and maintain procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101 and 10 CFR 20.1301."	<input checked="" type="checkbox"/>
Item 10: Spill Procedures	A statement that: "We have developed and will implement and maintain written procedures for safe response to spills of licensed material in accordance with 10 CFR 20.1101."	<input checked="" type="checkbox"/>
Item 10: Installation, Maintenance, Adjustment, Repair, and Inspection of Therapy Devices Containing Sealed Sources	<p>Name of the proposed employee and types of activities requested:</p> <hr/> <p>AND</p> <p>Description of the training and experience demonstrating that the proposed employee is qualified by training and experience for the use requested.</p> <p>AND</p> <p>Copy of the manufacturer's training certification and an outline of the training in procedures to be followed.</p>	<input type="checkbox"/> <input type="checkbox"/>
Item 10: Minimization of Contamination	A response is not required under the following condition: the NRC will consider that the above criteria have been met if the information provided in applicant's responses satisfy the criteria in Sections 8.14, 8.15, 8.20, 8.24, 8.26, and 8.28, on the topics: Facility and Equipment; Facility Diagram; Radiation Protection Program; Safety Program; and Waste Management.	N/A
Item 11: Waste Management	A statement that: "We have developed and will implement and maintain written waste disposal procedures for licensed material in accordance with 10 CFR 20.1101, that also meet the requirements of the applicable section of Subpart K to 10 CFR Part 20 and 10 CFR 35.92."	<input checked="" type="checkbox"/>

This is to acknowledge the receipt of your letter/application dated

12/6/2004, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Renew 29-30174-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 136102.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 02201
: Status Code: 2
: Fee Category: 7C
: Exp. Date: 20050131
: Fee Comments: _____
: Decom Fin Assur Req'd: N
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: SOUTH JERSEY HEART GROUP, P.C.
Received Date: 20041208
Docket No: 3033696
Control No.: 136102
License No.: 29-30179-01
Action Type: Renewal

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed M. A. Perkins
Date 12/13/2004

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /___/)

1. Fee Category and Amount: _____

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

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____