

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	In accordance with the letter dated November 22, 2004,
1. Jefferson Methodist Heart Center, Inc. Jefferson Heart Center-South	3. License No. 37-28195-01 is amended in its entirety to read as follows:
2. 2424 South Broad Street Philadelphia, Pennsylvania 19145	4. Expiration Date: May 31, 2014
	5. Docket No. 030-30542

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|---|---|--|
| 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 permitted by 10 CFR 35.200 | A. Any | A. As needed |
| B. Gadolinium 153 | B. Sealed source (Isotope Products Laboratories Models NES8412, NES8422 through NES8426, NES8429 and NES8497) | B. Not to exceed 720 millicuries per source and 2800 millicuries total |

9. Authorized use:

- A. Any imaging and localization study permitted by 10 CFR 35.200.
- B. For use in an ADAC Laboratories Model Vantage device for patient attenuation

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 2424 South Broad Street, Philadelphia, Pennsylvania.
- 11. The Radiation Safety Officer (RSO) for this license is Ramanik Patel.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.
37-28195-01

Docket No.
030-30542

Amendment No.
09

12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user, authorized nuclear pharmacist, and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use as indicated:
- | <u>Authorized User</u> | <u>Material and Use</u> |
|------------------------|---|
| David Elbaum, D.O. | 35.200; Gd-153 for patient attenuation correction during S.P.E.C.T. imaging |
| Howard M. Rosner, D.O. | 35.200; Gd-153 for patient attenuation correction during S.P.E.C.T. imaging |
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) 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. 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 not acquire licensed material in a sealed source or device unless the source or device has been registered with the U. S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.
37-28195-01

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17. 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. 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 24, 2003 (ML040081096)

For the U. S. Nuclear Regulatory Commission

Original signed by Bryan A. Parker

Date December 27, 2004
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By _____
Bryan A. Parker
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406