UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 16, 2007

Docket No. 03011379 License No. 07-16529-01
Control No. 140065

Garth A. Koniver, M.D.
Radiation Safety Officer
Papastavros' Associates Medical Imaging, LLC
Professional Building IV
1701 Augustine Cut-Off, Suite 100
Wilmington, DE 19803

SUBJECT: PAPASTAVROS' ASSOCIATES MEDICAL IMAGING, LLC, LICENSE AMENDMENT, CONTROL NO. 140065

Dear Dr. Koniver:

This refers to your license amendment request dated January 30, 2007. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Industrial, and Academic Uses of Nuclear Material;** then **Toolkit Index Page.** Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Shirley Xu

Shirley Xu
Health Physicist
Medical Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 29

DOCUMENT NAME: C:\FileNet\ML071080152.wpd

SUNSI Review Complete: SXu
After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "**C**" = Copy w/o attach/encl "**E**" = Copy w/ attach/encl "**N**" = No copy

OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI			
NAME	SXu ***/SSX/***							
DATE	4/16/07							

OFFICIAL RECORD COPY

Amendment No. 29

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 received January 30, 2007,
1. Papastavros' Associates Medical Imaging	3. License number 07-16529-01 is amended in its entirety to read as follows:
2. Professional Building IV, Suite 100 1701 Augustine Cut-off Wilmington, Delaware 19803	4. Expiration date October 31, 2011 5. Docket No. 030-11379 Reference No.

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 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 200 millicuries
D. Any byproduct material permitted by 10 CFR 35.500	D. Sealed Sources (IPL Model HEG-137)	D. 60 millicuries total

9. Authorized use:

A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
B. Any imaging and localization study permitted by 10 CFR 35.200.
C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.
D. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g)

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
07-16529-01

Docket or Reference Number
030-11379

Amendment No. 28

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities at Suite 100, Professional Building IV, 1701 Augustine Cut-off, Wilmington, Delaware; the Medical Imaging Center, Polly Drummond Plaza, Polly Drummond Road and Kirkwood Highway, Newark, Delaware; 2600 Glasgow Avenue, Newark, Delaware; and 1539 Savannah Road, Lewes, Delaware.

11. The Radiation Safety Officer for this license is Garth A. Koniver, M.D.

12. Licensed material is only authorized for use by, or under the supervision of:

    A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.

    B. The following individuals are authorized users for the materials and uses indicated:

Authorized Users	Material and Use
James A. Murphy, M.D.	35.100; 35.200; 35.500
Thomas W. Fiss, Jr., M.D.	35.100; 35.200; 35.300 except I-131 in quantities greater than 33 millicuries; 35.500
Garth A. Koniver, M.D.	35.100; 35.200; 35.300 except I-131 in quantities greater than 33 millicuries; 35.500
Stephen Lawless, M.D.	35.100;35.200; 35.300 except I-131 in quantities greater than 33 millicuries; 35.500
John D. McAllister, II, M.D.	35.100; 35.200; oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries; 35.500
Michael Leviton, M.D.	35.100; 35.200; 35.500
Satyajit Sarangi, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction 35.500
Anthony Scola, M.D.	35.100; 35.200; 35.300; 35.500

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."

License Number
07-16529-01

Docket or Reference Number
030-11379

Amendment No. 28

MATERIALS LICENSE
SUPPLEMENTARY SHEET

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. 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. Letter dated July 16, 2001 except Quality Management Program forms
    B. Facsimile dated October 2, 2001
    C. Letter dated October 20, 2003
    D. Letter dated October 24, 2003
    E. Letter dated October 30, 2003

For the U.S. Nuclear Regulatory Commission

Date April 16, 2007

By ***Original signed by Shirley Xu***

Shirley Xu
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406