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

October 4, 2010

Docket No. 03011379 License No. 07-16529-01
Control No. 573106

Garth A. Koniver, M.D.
Manager and 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. 573106

Dear Dr. Koniver:

This refers to your license amendment request to remove the Mobile PET unit from use. Enclosed with this letter is the amended license.

Please note that, in Amendment No. 27, dated November 7, 2003, NRC authorized the use of cesium-137 source(s) on this unit only. However, in accordance with Section 651(e) of the Energy Policy Act of 2005 which expanded the definition of byproduct material to include NARM, the PET radioisotopes came under the NRC's regulatory authority in the State of Delaware on November 30, 2007. Licensees using NARM radioisotopes had until May 30, 2008, to amend their current NRC licenses to add any new areas of use, new radioisotopes (e.g., PET radioisotopes), or new authorized users affected by this change in regulatory authority. An amendment to use PET radioisotopes on the Mobile PET unit was not submitted to this office, and regulatory action on this issue will be discussed in separate correspondence. However, since the NRC had authority from November 30, 2007 until closure of the Mobile PET unit on May 13, 2010, the surveys conducted to support release of this unit for unrestricted use were reviewed as part of this amendment. Based on this review, the Mobile PET unit may be released for unrestricted use.

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, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open

from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Penny Lanzisera

Penny Lanzisera
Senior Health Physicist
Medical Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 33

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SUNSI Review Complete: PLanzisera

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