Gregory Medical Associates, P.A.
28-11 Kennedy Blvd.
North Bergen, New Jersey 07087
Tel: (201) 865-8553
Jose Sanchez Pena, M.D.

MS 16
J-1

March 19, 1997

Michelle R. Beardsley
License Reviewer
Division of Nuclear Materials safety
United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

RE: Docket Number: 030-34356
Control Number: 124176

Dear Ms. Beardsley:

The following items are in response to your letter dated March 4, 1997 regarding our license application.

1. Jose Sanchez-Pena, M.D. is the [illegible]ner of Gregory Medical Associates, P.A. and concurs with the Nuclear Re[illegible] Commission License application dated January 27, 1997 and the conten[illegible] this response letter.

2. The location of use is Gregory Medical Associates, P.A., 28-11 Kennedy Boulevard, North Bergen, New Jersey 07087. The location is not listed on any active NRC license.

3. We are omitting the request for NRC licensed material indicated in 35.300. Our use will be limited to byproduct material in 10CFR 35.100 and 10CFR 35.200; including but not limited to Tc^{99m} (sodium iodine I^{125} and I^{131} in quantities less than or equal to 30 microcuries).

4. Please amend item number 7 of our application to omit Mr. Himelstein as RSO. Please include the following:

Authorized user:	Adam Lande, M.D.	see attachment 7.1
Authorized user:	Jose Katz, M.D.	see attachment 7.2
RSO:	Eileen M. Donnelly, M.S.	see attachment 7.3

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5. We will maintain records of worker training for three years which will contain:
   i. date of training
   ii. duration of training
   iii. the topics covered
   iv. name of person providing the training and
   v. the names of those in attendance.

6. Our area wipe test procedures will be conducted in accordance with the model program published in Appendix N to Regulatory Guide 10.8, Revision 2. The following instrument will be used to analyze the results.

Well Counter	*MANUFACTURER:*	Ludlum
	MODEL:	2200 Single Channel Analyzer
	MODEL:	242 – Shielded Well Scintillator
	TYPE:	1¾ " x 2" thick NaI(Tl)
	SHIELDING:	0.5" thick lead
	EFFICIENCY:	70% with 4π for I-125

7. Our radiation dose rate and removable contamination trigger levels are as follows:

Radiation dose rate Trigger levels:	2 mR/hr - restricted areas 0.5 mR/hr - unrestricted areas
Removable contamination:	see Table 1

Table 1: Action Levels in DPM per 100cm$_2$ for surface Contamination

	In^{111}, I^{123}, I^{131}, I^{125}, P^{32}, Sr^{85}, Au^{198}	Tc^{99m}, Co^{57}, Ga^{67}, Tl^{201}
Unrestricted areas, personal clothing	200	2,000
Restricted areas, protective clothing used only in restricted areas, skin	2,000	20,000

8. Attachment 9-1 is a facility diagram detailing the following:

   A. We will not be using or storing Mo-99/Tc-99m generators.
   B. Radiopharmaceuticals will be stored behind the L-block which is located on the counter in the hot lab. We will not be using radiopharmaceuticals that require refrigeration at this time.
   C. Radioactive waste will be stored in the designated cabinet in the hot lab. Preparation and dispensing of radiopharmaceutical will be conducted behind the L-block which is located on the counter in the hot lab.
   D. The following items are available to reduce radiation exposures.

MANUFACTURER	*MODEL*	*DESCRIPTION*
Capentec	5130-2086	Mini Table top Shield - 1.5mm Pb equiv.
Biodex	039-100	Lead Lined Waste Container
Biodex	007-800 & 900	3cc & 5cc Pro Tec II Syringe Shield
Biodex	066-535	Straight Handle Forceps
Biodex	001-178	Lead Lined Syringe Carrier
NESAR	88-NUC	Stackable Lead Sharps Container

Adjacent areas will be monitored to assure that radiation levels in unrestricted areas do not result in doses to individual members of the public in excess of those specified in 10CFR 20.1301 .

9. We will establish and implement the model procedure for leak-testing sealed sources that was published in Appendix H to Regulatory Guide 10.8, Revision 2. We will use the well counter listed in item number 6 of this letter to analyze the results. A standard rod source (of the same isotope or an isotope with a similar spectrum) will be counted at the same time as the wipe test to determine that the sensitivity of the test is within 0.005 microcuries.

10. Our use will be limited to byproduct material in 10CFR 35.100 and 10CFR 35.200; including but not limited to Tc^{99m} (sodium iodine, I^{125} and I^{131} in quantities not exceeding 30 microcuries).

    We confirm that sodium iodine, I^{125} and I^{131} in quantities exceeding 30 microcuries will not be a part of our licensed material program. We will submit a Quality Management Program prior to initiating future use of sodium iodine, I^{125} and I^{131} in quantities greater than 30 microcuries. This negative declaration will be sent to NRC Region 1 in a separate correspondence.

11. We will not be using multi-dose gas or volatiles .

Please contact me if you require any additional information.

Sincerely,

Jose Sanchez-Pena, M.D.
Physician/Owner

Attachment 7.1 Training/Experience for Adam Lande, M.D.
Attachment 7.2 Training/ Experience for Jose Katz, M.D.
Attachment 7.3 Training/experience for Eileen M. Donnelly, M.S.
Attachment 9.1 Facility annotated drawing

Fax - 779152

ADAM LANDE, M.D.

[redacted]

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	Diplomate of the American Board of Radiology, Radiation Therapy and Nuclear Medicine (1964)
	Diplomate of the American Board of Nuclear Medicine (1978)
8/94 - 6/95	Attending Radiologist New York Downtown Hospital
2/94 - 6/94	Mini-Fellowship in Nuclear Medicine NYU Medical Center, Tisch Hospital Department of Nuclear Medicine
1987 - 1/94	Associate Professor, Mount Sinai Medical School Attending Radiologist
1981 - 1987	Member of the "Radiology Specialists of Kingston" P.C. Clinical Associate Professor of Radiology, New York Medical College
1964 - 1981	Associate Attending Radiologist Flower and Fifth Avenue Hospital and Metropolitan Hospital Center Assistant Professor Radiology, New York Medical College
1959 - 1964	Resident in Radiology V.A. Hospital, Manhattan Bellevue Hospital, New York City Memorial Hospital for Cancer, New York City
1958 - 1959	Resident in Internal Medicine The Bronx Hospital, Bronx, NY
1957 - 1958	Rotating Internship Barnart Memorial Hospital, Paterson, NJ
1956	Doctorate in Medicine Munich, Germany

Professional Affiliations

American College of Nuclear Medicine (Fellow)
American College of Radiology (Member)
American College of Angiology (Fellow)

Articles

1. "Total Aortography in the Diagnosis of Takayasu's Arteritis." Lande, A., et al. Amer J. R., Vol. 116, 165-178, Sept. 1972.

2. "The Value of Total Aortography in the Diagnosis of Takayasu's Arteritis." Lande, A., et al. Radiology, Vol. 114, 287-297, Feb. 1975.

3. "Takayasu's Arteritis: An Arteriographic Pathological Correlation." Lande, A., et al. JAMA Archiv Path, Vol. 100, 437-440, Aug. 1976.

4. "Takayasu's Arteritis: An Unrecognized Cause of Pulmonary Hypertension." Lande, A., et al. Angiology, Vol. 17, 114, Feb. 1976.

Areas of Expertise

1. All forms of angiography including cerebral arteriography.
2. Nuclear medicine.
3. CAT, Head and Body.
4. Mammography and xeromammography.
5. Various special procedures.
6. General diagnostic radiology.

The American Board of Nuclear Medicine

Incorporated 1971

A conjoint Board organized with the sponsorship of the American Board of Internal Medicine, American Board of Pathology, American Board of Radiology and the Society of Nuclear Medicin

hereby certifies that

Adam Laude, M.D.

has met the requirements of this Board and is certified as qualified to practice as a specialist in all aspects of clinical and laboratory

Nuclear Medicine

including but not limited to Radiobioassay, Nuclear Imaging, in Vivo Measurements & Therapy with unsealed Radionuclides.

CHAIRMAN

SECRETARY

03375
NUMBER

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The American Board of Radiology

Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America
and the Section on Radiology of the American Medical Association
Hereby certifies that

Adam Laude, M.D.

Has pursued an accepted course of graduate study and
clinical work, has met certain standards and qualifications and has passed
the examinations including nuclear medicine conducted under the authority of
The American Board of Radiology
On this the twelfth day of June, 1964
Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of

Radiology

THE AMERICAN BOARD OF RADIOLOGY
INCORPORATED IN THE DISTRICT OF COLUMBIA
1934

J. W. J. Carpenter
President

J. R. Dabney Lee
Secretary

STATE OF NEW JERSEY
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CONSUMER AFFAIRS

THIS IS TO CERTIFY THAT
BOARD OF MEDICAL EXAMINERS
HAS REGISTERED

ADAM LANDE M.D.

FOR PRACTICE IN NEW JERSEY AS A(N) PHYSICIAN - MD

07/01/95	06/30/97	MA 24125
EFFECTIVE DATE	EXPIRATION DATE	LICENSE NO.

SIGNATURE OF REGISTRANT

DIRECTOR