

April 2, 2001



We're With You For Life.

Mr. David J. Collins
U.S. Nuclear Regulatory Commission
Region II, Division of Nuclear Materials
61 Forsyth Street, S.W.
Suite 23T85
Atlanta, GA 30303

Dear Mr. Collins:

Buchanan General Hospital wishes to amend its Radioactive Materials License No. VA-112-06. Our current license will expire May 31, 2001.

We wish to make the following amendments to our license. We would like to have Dr. Jose Alemparte added to our current license as an Authorized User for Cardiac procedures only.

I am enclosing documents which I trust will serve as sufficient documentation for this purpose.

1. Introductory Letter from Jose Alemparte, M.D.
2. Curriculum Vitae
3. Addenda to Supplement A:
 - A. Certification of 200-Hour Academic Requirement of 10 CFDR, Subpart J
 - B. Certification of five (5) supervised Inert Generator Elutions
4. Reference letter from B. Chandramouly, M.D., Chief of Nuclear Medicine at Long Island College Hospital.
5. Certification for "Radiation Safety Officer" medical course - May 24 - 28, 1999
6. Certification for "Radiation Safety Officer" medical course - February 19 - 24, 2001
7. Certificate from Long Island College Hospital certifying fellowship in Cardiology
8. Certificate from American Board of Internal Medicine certifying Dr. Alemparte as a diplomat in Internal Medicine
9. Certificate from American Board of Internal Medicine certifying Dr. Alemparte as a diplomat in Cardiovascular Disease
10. Authorized User Application Letter to the U.S. Nuclear Regulatory Commission

Route 5, Box 20

Grundy, Virginia 24614

540 935.1000

Fax 540 935.4959

April 2, 2001
Page 2

Please let me know if additional material is needed. Thank you for your attention to this matter.

Sincerely,



Steven D. Patonai
Administrator

SP:kg

enclosures

BUCHANAN HEALTH CARE, LLC.

BUCHANAN ORTHOPEDICS * BUCHANAN INTERNAL MEDICINE * KEEN MOUNTAIN MEDICAL ASSOCIATES
HURLEY INTERNAL MEDICINE * THE CENTER FOR WOMEN'S HEALTH * BUCHANAN ANESTHESIA

March 12, 2001

United States Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth Street SW, Suite 23T85
Atlanta, Georgia 30303

RE: Authorized User Application

Dear Sir/Madam

I am a cardiologist practicing in Grundy, southwestern Virginia. I started working at Buchanan General Hospital in February of 1998. Since then I have performed 700 Nuclear Cardiology procedures (mostly stress tests) under the supervision of Dr. Dillip Patel, Chief of radiology and Radiation Safety Officer.

I am board certified in Internal Medicine and Cardiology. My fellowship training at The Long Island College Hospital in New York included more than 500 hours of Nuclear Medicine training. This included performing and interpreting Nuclear Cardiology tests under the direct supervision of the Cardiology and Nuclear Medicine attendings. Also included lectures emphasizing radiation safety protocols, technical aspects of the Nuclear Cardiology procedures and handling of the radiopharmaceuticals. We also attended a monthly Nuclear Cardiology Journal Club.

Enclosed, please find copies of my CV, Board certifications, letter from Dr. Belur Chandramouly (Chief of Nuclear Medicine at The Long Island College Hospital) and certificates from Physics Associates in Roanoke, Virginia.

Sincerely,



Jose A. Alemparte, M.D., F.A.C.C.

CURRICULUM VITAE

JOSE A. ALEMPARTE, M.D., F.A.C.C.

P. O. BOX 1959

Grundy, VA 24614

TEL (540) 566-8424

FAX (540) 566-8114

December 1998-Present

Buchanan Healthcare Inc. Hurley Internal Medicine, Hurley, VA. Internal Medicine/Cardiology.

June 1998-December 1998

Private practice, Internal Medicine/Cardiology, Grundy VA. Active member of the medical staff at Buchanan General Hospital.

1997-May, 1998

Physician, Internal Medicine/Cardiology, Rural Health Clinics, Inc., Whitewood, VA. Member of the active medical staff at Buchanan General Hospital, Grundy, VA.

Hospital Affiliations

Buchanan General Hospital, Grundy, VA. Since 11/97.

Clinch Valley Medical Center, Richlands, VA. Since 08/98.

Training

1994-1997. Fellow in cardiology at The Long Island College Hospital, Brooklyn, NY. A three year fellowship with formal training in all aspects of invasive and non-invasive cardiology: cardiac catheterization, stress testing (including stress echocardiography), TEE, pacemakers and nuclear cardiology.

Mandatory rotations (1-2 months every year) include:

Electrophysiology at Mount Sinai Medical Center, New York, NY.

Cardiothoracic Surgery at Beth Israel Medical Center, New York, NY.

Cardiac Catheterization and Interventional Cardiology at Maimonides Medical Center, Brooklyn, NY.

1993-94. Chief resident, Internal Medicine, at Woodhull Medical Center, Brooklyn, NY, affiliated with State University of New York HSC at Brooklyn.

1990-93. Residency in Internal Medicine at Woodhull Medical Center.

1989-90. Rotating Internship, Clinica Abreu, Santo Domingo, Dominican Republic.

1986-89. Primary Care physician, Dominican Institute of Social Security, Dominican Republic.

Education

Universidad Autonoma de Santo Domingo, School of Medicine, Dominican Republic.

Degree: Doctor of Medicine, October 28, 1986.

Board Certifications

Board certified in Internal Medicine, 1993.

Board certified in Cardiology, 1998.

Honors and Awards

Graduated "Cum laude", No. 3 in class of 250, 1986.

Intern of the year 1990-91, Woodhull Medical Center.

Membership in Professional Societies

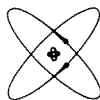
Fellow of the American College of Cardiology.

Member of the Buchanan-Dickenson County Medical Society.

Member of the Tazewell County Medical Society.

MEDICAL PHYSICS
SHIELDING RECOMMENDATIONS

RADIATION PHYSICS
EMERGENCY CONSULTATION



PHYSICS ASSOCIATES

Lee S. Anthony, Ph. D.
Certified Health Physicist
Certified Medical Physicist
Certified Radiologic Physicist

5346 Peters Creek Road
Roanoke, Virginia 24019
Tel: (540) 563-0165

Robert C. Hudson, M.S.
Kay A. Saul, B.S.
Lee S. Anthony, Jr., B.S.;M.A.

9 March, 2001

ADDEENDA TO SUPPLEMENT A, DR. J. ALEMPARTE'

Previous Academic History on Supplement A:	100 hrs
Physics Associates' Nuclear Medicine/Radiation Safety Course 2/19-24/01	45hrs
Directed Study, week of 3/5-9/01	3 hrs
Tutorial on 3/9/01	8 hrs
Directed Study:	
(1) Wick manual	8 hrs
(2) NUREG 1556 Consolidated Guidance About Materials Licenses	8 hrs
(3) NUREG 1516 Management of Radioactive Material Programs at Medical Facilities	8 hrs
(4) 10 CFR 19, 20, & 35	8 hrs
TOTAL:	<u>204 hrs</u>

I hereby certify that Dr. J. Alemparte has met the 200-hour Academic Requirements of 10 CFR, Subpart J toward the requirements for Radiation Safety Officer.

I further certify that Dr. Alemparte has performed five (inert) generator elutions under my supervision.

In summary, I hereby recommend Dr. J. Alemparte be named as an Authorized User for those materials described in 10 CFR 35.100 and 35.200.

Lee S. Anthony
Lee S. Anthony, Ph.D.
C.H.P., C.R.P., C.M.P.



DEPARTMENT OF RADIOLOGY
BELUR S. CHANDRAMOULY, M.D.
CHIEF, DIVISION OF NUCLEAR MEDICINE

THE LONG ISLAND
COLLEGE HOSPITAL
BROOKLYN, NY 11201
718-780-1167

February 2, 1999

To Whom It May Concern:

This letter is in reference to Dr. Jose A. Alemparte. Dr. Alemparte actively participated in Nuclear Cardiology procedures during his cardiology fellow-ship training at the Long Island College Hospital from July 1994 to June 1997. The Nuclear Cardiology training included performing the Stress Test for the Stress-Thallium studies, Rest-Thallium studies, Multigated Blood Pool studies and Technetium 99m Pyrophosphate Imaging studies. He was involved in interpreting the studies with the Nuclear Medicine attendings.

In addition, Dr. Alemparte attended Nuclear Cardiology lectures emphasizing radiation safety protocols, technical aspects of the Nuclear Cardiology procedures and handling the radiopharmaceuticals. The monthly Nuclear Cardiology Journal Club covered several recent Nuclear Cardiology Journals. This training in Nuclear Cardiology was more than 500 hours in total, during the 3 years period. The Nuclear Medicine License Number is 91-2843-01, at LICH.

Dr. Alemparte actively participated in following the patients who had Nuclear Cardiology procedures with other imaging modalities.

I wish him all the success.

Sincerely,

B. Chandramouly, M.D.
B. Chandramouly, M.D.
Chief, Nuclear Medicine

BC:ac

THIS IS TO CERTIFY THAT

J. ALEMPARTE, M.D.

HAS SUCCESSFULLY COMPLETED THE

**"RADIATION SAFETY OFFICER"/MEDICAL
COURSE TAUGHT BY PHYSICS ASSOCIATES**

AT Bluefield, West Virginia

FROM May 24 TO May 28, 19 99.

THIS COURSE WAS BASED ON THE DRAFT REGULATORY GUIDE "QUALIFICATIONS FOR
THE RADIATION SAFETY OFFICER IN A LARGE SCALE NON-FUEL-CYCLE RADIONUCLIDE PROGRAM"
BY THE U.S. NUCLEAR REGULATORY COMMISSION.

Lee S. Anthony

Lee S. Anthony, Ph.D., Instructor
Certified Health Physicist
Certified Radiologic Physicist
Certified Medical Physicist

THIS IS TO CERTIFY THAT

J. A. A L E M P A R T E

HAS SUCCESSFULLY COMPLETED THE

**“RADIATION SAFETY OFFICER”/MEDICAL
COURSE TAUGHT BY PHYSICS ASSOCIATES**

AT M A R I O N , V I R G I N I A

FROM F E B R U A R Y 1 9 TO F E B R U A R Y 2 4, 2001.

THIS COURSE WAS BASED ON THE DRAFT REGULATORY GUIDE “QUALIFICATIONS FOR
THE RADIATION SAFETY OFFICER IN A LARGE-SCALE NON-FUEL-CYCLE RADIONUCLIDE PROGRAM”
BY THE U.S. NUCLEAR REGULATORY COMMISSION.

Lee S. Anthony

Lee S. Anthony, Ph.D., Instructor
Certified Health Physicist
Certified Radiologic Physicist
Certified Medical Physicist

ASRT # VAD0021001

The Long Island College Hospital



Be it known by these presents that

Jose A. Alembrarte, M.D.

*has served on the House Staff of the Long Island College Hospital
in the capacity of*

Fellow in Cardiology, Department of Internal Medicine

for the period

July 1, 1994 - June 30, 1997

*In Witness Whereof the undersigned have affixed their signatures
and the seal of the Hospital on June 30, 1997*



Departmental Chairman

Alfred Goodman

Medical Director

Jeff M. Warner, M.D.

Chairman, Board of Regents

Arthur J. Gordin

President

Alfred Goodman

THE AMERICAN BOARD OF INTERNAL MEDICINE

INCORPORATED 1936

ATTESTS THAT

Jose A. Alemparte

HAS MET THE REQUIREMENTS OF THIS BOARD AND IS HEREBY

CERTIFIED FOR THE PERIOD 1993 THROUGH 2003

AS A DIPLOMATE IN

INTERNAL MEDICINE

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CHAIRMAN
J. Claude Bennett
CHAIRMAN ELECT
Marion Turck
SECRETARY TREASURER
Harry R. Kemmerer
PRESIDENT
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James P. Kassir
Frank A. Kelly
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Michael C. Leland
RFB Brand
Robert J. Dwyer

Jose A. Alemparte
Ellen Ruddy
Frederick P. Schuster
John A. Stolt
Merced J. Surtis
Phillips P. Tostes
Alf. Arnesen

THE
AMERICAN BOARD OF INTERNAL MEDICINE
INCORPORATED 1936
ATTESTS THAT

Jose Antonio Alemparte

HAS MET THE REQUIREMENTS OF THIS BOARD AND IS HEREBY
CERTIFIED FOR THE PERIOD 1998 THROUGH 2008
AS A DIPLOMATE IN
CARDIOVASCULAR DISEASE



Chitt Bose

CHAIR
AMERICAN BOARD OF INTERNAL MEDICINE

Atty. General

CHAIR-ELECT
AMERICAN BOARD OF INTERNAL MEDICINE

Atty. General

SECRETARY-TREASURER
AMERICAN BOARD OF INTERNAL MEDICINE

Harry R. Chambers

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AMERICAN BOARD OF INTERNAL MEDICINE

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James C. Evans

Sam P. Lee
Wallace J. Givens
Spencer King III
Joseph Tracy

Richard D. Russell Jr.

Walter

Arthur E. Glick

NUMBER 148070

1998

**EXHIBIT 2
SUPPLEMENT A**


SUPPLEMENT		U.S. NUCLEAR REGULATORY COMMISSION	
TRAINING AND EXPERIENCE AUTHORIZED USER OR RADIATION SAFETY OFFICER			
1. NAME OF PROPOSED AUTHORIZED USER OR RADIATION SAFETY OFFICER JOSE A. ALAMPARTE, M.D.		2. FOR PHYSICIANS, STATE OR TERRITORY WHERE LICENSED VIRGINIA	
3. CERTIFICATION			
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C	
- INTERNAL MEDICINE - CARDIOVASCULAR DISEASE		- SEPT. 1993 - NOV. 1998	
4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES			
FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING C	
		CLOCK HOURS IN LECTURE OR LABORATORY	CLOCK HOURS OF SUPERVISED ON-THE-JOB EXPERIENCE
1. RADIATION PHYSICS AND INSTRUMENTATION	THE LONG ISLAND COLLEGE HOSPITAL. 7/1/94-6/30/97 RADIATION SAFETY OFF. COURSE 5/24-28/99	20	100
2. RADIATION PROTECTION	THE LONG ISLAND COLLEGE HOSPITAL. 7/1/94-6/30/97 RAD. SAFETY OFF. COURSE BLUEFIELD, WV. 5/24-28/99	20	100
3. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	THE LONG ISLAND COLLEGE HOSPITAL. 7/1/94-6/30/97 RAD. SAF. OFFICER COURSE BLUEFIELD, WV. 5/24-28/99	20	80
4. RADIATION BIOLOGY	THE LONG ISLAND COLLEGE HOSPITAL. 7/1/94-6/30/97 RAD. SAFETY OFF. COURSE BLUEFIELD, WV. 5/24-28/99	20	80
5. RADIOPHARMACEUTICAL CHEMISTRY	THE LONG ISLAND COLLEGE HOSPITAL. 7/1/94-6/30/97 RAD. SAFETY OFFICER COURSE BLUEFIELD, WV. 5/24-28/99	20	80
5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)			
ISOTOPE	RCI USED AT ONE TIME	LOCATION	CLOCK HOURS
THALLIUM 201, CHLORIDE	3.5mCi	Long Island College Hosp.	More than 500 hours
Technetium 99m, 94 & 96	25mCi	Long Island College Hosp.	More than 500 hours
			TYPE OF USE
			Stress/Redist Thallium
			MUGA

EXH-5

B. Chandramouly
B. CHANDRAMOULY, M.D.
CHIEF, NUCLEAR MEDICINE

TOTAL P.01

EXHIBIT 3
SUPPLEMENT B

SUPPLEMENT		U.S. NUCLEAR REGULATORY COMMISSION	
PRECEPTOR STATEMENT			
<p><i>Supplement B must be completed by the applicant's physician's preceptor. If more than one preceptor is necessary to document experience, submit a separate statement from each.</i></p>			
1. PROPOSED PHYSICIAN USER'S NAME AND ADDRESS		KEY TO COLUMN C	
<p>FULL NAME Jose A. Alemparte, M.D.</p> <p>STREET ADDRESS BUCHANAN GENERAL Hospital, Rt. 83</p> <p>CITY GRANDY STATE VA ZIP CODE 24614</p>		<p>PERSONAL PARTICIPATION SHOULD CONSIST OF:</p> <p>1. Supervised examination of patients to determine the suitability for radionuclide diagnosis and/or treatment and the administration of prescribed dosage.</p> <p>2. Collaboration in dose calibration and actual administration of dose to the patient including calculation of the radiation dose, related measurements and plotting of data.</p> <p>3. Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.</p>	
2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN			
ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Addition of information or comments may be submitted in duplicate on separate sheets.) D
	Thyroid scan		<p>STRESS & REDISTRIBUTION THALLIUM DIPYRIDAMOLE REDIST. THALLIUM</p> <p>REST MULTIGATED ACQUISITION STUDIES WITH TECHNETIUM 99m Pertechnetate</p>
	Thyroid uptake		
	Lung perfusion scan		
	Xenon ventilation study		
	Aerosol ventilation scan		
	Renal flow scan		
	Brain scan		
	Liver/spleen scan		
	Bone scan		
	Gas (respiration) study		
	Levee shunt study		
	Cystogram		
Dacryocystogram			
Cardiac perfusion scan	532		
Cardiac stress ventriculogram			
Cardiac rest ventriculogram	56		
Gallium scan			

EXH-6

EXHIBIT 3 (Continued)

PROPOSED PHYSICIAN USER Jose A. Alemparte, M.D.			
PRECEPTOR STATEMENT (Continued)			
2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)			
ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be warranted in duplicate on separate sheets.) D
⁵¹ Cr (Spherul)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES		
⁵¹ Cr (Colloid)	INTRACAVITARY TREATMENT		
¹³¹ I	TREATMENT OF THYROID CARCINOMA		
	TREATMENT OF HYPERTHYROIDISM		
¹⁹⁸ Au	INTRACAVITARY TREATMENT		
⁹⁰ Co or ¹³⁷ Cs	INTERSTITIAL TREATMENT		
	INTRACAVITARY TREATMENT		
¹²⁵ I or ¹⁹² Ir or ¹³⁷ Cs	INTERSTITIAL TREATMENT		
	TELETHERAPY TREATMENT		
⁹⁰ Sr	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
^{99m} Tc or ^{113m} In	GENERATOR		
	GENERATOR		
^{99m} Tc	REAGENT KITS		
Other			
3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING			
LOCATION The Long Island College Hospital, Brooklyn, N.Y.		DATES 7/1/94 - 6/30/97	CLOCK HOURS OF EXPERIENCE MORE THAN 500
4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:		5. PRECEPTOR'S SIGNATURE	
a. NAME OF SUPERVISOR Balur Chandramouly, M.D.		B. Chandramouly	
b. NAME OF INSTITUTION The Long Island College Hospital			
c. MAILING ADDRESS 339 Hicks Street		7. PRECEPTOR'S NAME (Print type or print) B. CHANDRAMOULY, M.D. CHIEF, NUCLEAR MEDICINE	
d. CITY Brooklyn, N.Y. 11201		8. DATE 1-18-2000	
9. MATERIAL LICENSE NUMBER(S)			

EXH-7