

**BLUEFIELD REGIONAL  
MEDICAL CENTER**

RECEIVED  
REGION I

2005 DEC 12 PM 2:41

12/6/05

J-3

U.S.N.R.C.  
Region I  
Attn: Michael Perkins  
475 Allendale Road  
King of Prussia, PA 19406

03017038

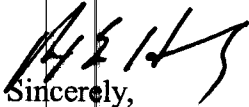
Re: License Number 47-19142-01

To Whom It May Concern

Please amend our Byproduct Material License as follows:

1. Add Ashutosh Chandel, MD as an authorized user for materials identified in 10 CFR 35.100 and 35.200. Documentation of Dr. Chandel's training and experience is attached for reference.

Thank you for your attention to this matter.

  
Sincerely,

137905

NMCC/RGNI MATERIALS-002

500 CHERRY STREET • BLUEFIELD, WEST VIRGINIA, 24701 • (304) 327-1100

**NRC FORM 313**  
(4-2004)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

**U.S. NUCLEAR REGULATORY COMMISSION**

**APPROVED BY OMB: NO. 3150-0120**

**EXPIRES: 10/31/2005**

Estimated burden per response to comply with this mandatory collection request: 7 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**APPLICATION FOR MATERIAL LICENSE**

**INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.**

**APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:**

**IF YOU ARE LOCATED IN:**

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM  
DIVISION OF NUCLEAR MATERIALS SAFETY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

**IF YOU ARE LOCATED IN:**

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-4005

**PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.**

**1. THIS IS AN APPLICATION FOR (Check appropriate item)**

- A NEW LICENSE  
 B AMENDMENT TO LICENSE NUMBER 47-19142-01  
 C RENEWAL OF LICENSE NUMBER \_\_\_\_\_

**2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)**

Bluefield Regional Medical Center  
500 Cherry Street  
Bluefield, WV 24701  
304-327-2511

**3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED**

Bluefield Regional Medical Center  
500 Cherry Street  
Bluefield, WV 24701  
304-327-2511

**4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION**

Sharon L. Long, NPC

**TELEPHONE NUMBER**

(330) 878-8057

**SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.**

**5. RADIOACTIVE MATERIAL**  
a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

**6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.**

**7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.**

**8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS**

**9. FACILITIES AND EQUIPMENT.**

**10. RADIATION SAFETY PROGRAM.**

**11. WASTE MANAGEMENT.**

**12. LICENSE FEES (See 10 CFR 170 and Section 170.31)**

FEE CATEGORY 7C AMOUNT ENCLOSED \$ 0.00

**13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.**

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

SIGNATURE

DATE

*Bex Hardy VP Auxiliary Svcs*

*[Signature]*

*12/7/05*

**FOR NRC USE ONLY**

| TYPE OF FEE | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|-------------|---------|--------------|-----------------|--------------|----------|
|             |         |              | \$              |              |          |
| APPROVED BY |         |              |                 | DATE         |          |



Cardiovascular Consultants, Ltd.

Andrei Damian, M.D., F.A.C.C.  
William J. Rappoport, M.D., F.A.C.C.  
David R. Sease, M.D., F.A.C.C.  
Lee M. Ugol, M.D., F.A.C.C.  
Marc A. Kates, D.O., F.A.C.C.  
Ronald W. Zmyslinski, M.D., F.A.C.C.  
Jeffrey J. Pakula, D.O., F.A.C.C.  
Joseph V. Klag, D.O., F.A.C.C.  
Anthony E. Sandeval, M.D., F.A.C.C.

Diagnostic and Interventional Cardiology

Dr. Chandel

March 8, 2000

RE: DR. ASHUTOSH CHANDEL

To Whom It May Concern:

I had the opportunity to supervise Dr. Chandel's training in nuclear cardiology between July '90 and August '91. During this time frame, Dr. Chandel was involved in more than 500 nuclear cardiac studies, including SPECT imaging and multigated acquisition imaging. These studies included rest and stress imaging, as well as rest and stress MUGA scanning, as described. My clinical experience with Dr. Chandel included the clinical evaluation of these patients before and after cardiac testing, as described. In addition, specifically he was involved in manipulation and interpretation of nuclear images.

At the end of this time frame Dr. Chandel had accumulated more than 500 hours of experience in the diagnostic ordering, acquisition, interpretation and therapeutic analysis for nuclear cardiology involving exercise and pharmacologic stress testing with SPECT imaging, as well as exercise and rest MUGA scanning. In that regard, he is clinically competent in the interpretation of these studies.

If you should have any questions, please do not hesitate to call.

Sincerely,

David R. Sease, M.D., F.A.C.C.  
Nuclear License #7-388  
DRS/mm

9-7-00: CALLED Dr. Sease @  
(602) 870-1789. Verified letter was  
dictated + signed by him  
personally. B. Whitaker

16601 N. 40th Street - Suite 204 - Phoenix, Arizona 85018 - (602) 867-7644 - Fax (602) 491-3688  
50 E. Dunlap - Suite 101 - Phoenix, Arizona 85021 - (602) 870-1789 - Fax (602) 870-8431  
6036 N. 19th Avenue - Suite 505 - Phoenix, Arizona 85016 - (602) 744-1570 - Fax (602) 219-0120  
18700 N. 64th Drive - Suite 208 - Glendale, Arizona 85305 - (602) 841-6211 - Fax (602) 841-0344  
10290 N. 92nd Street - Suite 301 - Scottsdale, Arizona 85258 - (480) 344-1035 - Fax (480) 344-0582  
5410 W. Thunderbird Rd. - Suite 100 - Glendale, Arizona 85306 - (602) 744-0695 - Fax (602) 744-5578  
13620 N. Saguaro Blvd. - Suite 50 - Glendale, Arizona 85306 - (602) 841-8100 - Fax (602) 841-8718

# Health & Radiological Seminars, Inc.

Hereby certifies that

## *ASHUTOSH CHANDEL, M.D.*

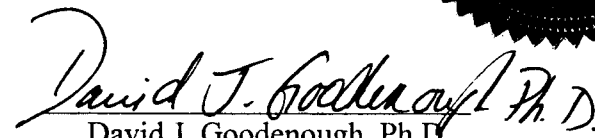
has successfully completed the 80 Hour Physician Training  
Program in Basic Radioisotope Handling conducted  
in accordance with the requirements of the  
U.S. Nuclear Regulatory Commission (10 CFR 35).

### COURSE OUTLINE

Radiation Physics and Instrumentation  
Mathematics pertaining to the use and measurement of radioactivity - 25 hours  
Radiation Protection – Radiopharmaceutical Chemistry - 30 hours  
Radiation Biology – 25 hours

November 6, 2005

  
Janice J. Gabriel  
Program Director

  
David J. Goodenough, Ph.D.  
Scientific Advisor

