



PUBLIC

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Cardiologists

Arun Goel, M.D.  
Vijay B. Dave, M.D.  
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Vijay Shah, M.D.

September 17, 1996

MPR  
9/24/96

Electrophysiology  
Consultants

Tom Petropoulos, M.D.  
Tom Bump, M.D.  
Edwin Palileo, M.D.

United States Nuclear Regulatory Commission  
Region III  
801 Warrenville Road  
Lisle, IL 60532-4351

Main Office

209 East 86th Court  
Merrillville, IN 46410  
24 Hr. 219-769-9020  
Fax 214-769-1758

Re: USNRC Materials License No. 13-26674-01

Dear Sir/Madam:

Please add Dr. Neelam Bhatia M.D. as an authorized user at this facility for radioactive materials identified as 35.100 and 35.200 (NOT limited to cardiovascular clinical procedures). Doctor Bhatia is currently an authorized user for these materials and listed as such on USNRC Agreement State License No. IL-01935-01 with the State of Illinois. The facility is identified as Value Diagnostics, 3235 Vollmer Road, Suite 103, Flossmoor, IL. 62704.

I understand no amendment fee is required as this individual already appears on a materials license approved by the USNRC.

If you have any questions, please feel free to contact me or Kay Kirkham at 219-769-9020.

Sincerely,

Vijay P. Shah

Vijay Shah, M.D.  
Radiation Safety Officer  
VS/jl

Additional Locations:

3229 Broadway  
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Griffith, IN 46319  
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24 Hour Referral Line

1-800-677-GOEL

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PDR ADOCK 03033947  
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CARDIOVASCULAR CONSULTATION AND EVALUATION; PREVENTIVE CARDIOLOGY; RISK FACTOR ASSESSMENT AND MODIFICATION; EXERCISE STRESS TESTING; 24-HR  
HOLTER MONITORING; COLOR FLOW DOPPLER ECHOCARDIOGRAPHY; TRANS ESOPHAGEAL ECHOCARDIOGRAPHY; NON-INVASIVE PERIPHERAL VASCULAR EVALUATION  
NUCLEAR CARDIOLOGY; CORONARY AND PERIPHERAL ANGIOGRAPHY; ANGIOPLASTY; ATHERECTOMY AND STENT; ELECTROPHYSIOLOGY; PACEMAKER SURVEILLANCE AND  
IMPLANTATION; RADIO FREQUENCY CATHETER ABLATION; CARDIAC DEFIBRILLATOR IMPLANTATION

SEP 20 1996

STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY

## RADIOACTIVE MATERIAL LICENSE

DIVISION OF RADIOACTIVE MATERIALS  
1035 OUTER PARK DRIVE  
SPRINGFIELD, ILLINOIS 62704

Pursuant to the Illinois Radiation Protection Act and the rules and regulations in 32 Illinois Administrative Code promulgated thereunder, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) listed herein, and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Illinois Department of Nuclear Safety now or hereafter in effect and to any conditions specified in the license. This document confirms that the licensee has registered the sources of radiation listed below in accordance with Section 2 of the Radiation Installations Act.

LICENSEE  
Neelam Bhatia, M.D.  
3235 Vollmer Road, Suite 103  
Flossmoor, Illinois 60422

LICENSE NUMBER  
IL-01935-01

EXPIRATION DATE  
February 29, 2000

AMENDMENT NUMBER  
0

Attention: Neelam Bhatia, M.D.  
Radiation Safety Officer

In accordance with application dated December 9, 1994, License Number IL-01935-01 is issued as follows:

ITEM	RADIOISOTOPE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
A.	Any in 32 Ill. Adm. Code 335.2040	Any calibration or reference source identified in 32 Ill. Adm. Code 335.2040.		As needed
B.	Any in 32 Ill. Adm. Code 335.3010	Any radiopharmaceutical identified in 32 Ill. Adm. Code 335.3010.		As needed
C.	Any in 32 Ill. Adm. Code 335.4010	Any radiopharmaceutical identified in 32 Ill. Adm. Code 335.4010, excluding gases.		As needed

AUTHORIZED USE:

- For use as calibration and reference sources.
- Any medical use identified in 32 Ill. Adm. Code 335.3010.
- Any medical use identified in 32 Ill. Adm. Code 335.4010.

CONDITIONS

- Radioactive material shall be used only at the licensee's facilities located at 3235 Vollmer Road, Suite 103, Flossmoor, Illinois in accordance with statements, representations and procedures listed in other conditions of this license.

APPROVED BY: Joseph G. Klinger DATE: February 15, 1995 PAGE 1 of 4

Joseph G. Klinger, Head of Licensing Section  
IL 436-0059

STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
**RADIOACTIVE MATERIAL LICENSE**

<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
Neelam Bhatia, M.D.	IL-01935-01	0	February 29, 2000

1. Radioactive material is authorized for use by, or under the supervision of, Neelam Bhatia, M.D.
2. The Radiation Safety Officer for this license is Neelam Bhatia, M.D.
3. The licensee shall decontaminate or restrict access to each area described in 32 Ill. Adm. Code 335.2080(d) for which removable radioactive contamination is found to exceed 2000 dpm/100 cm<sup>2</sup>. This monitoring must be performed to ensure that decontamination was effective or decay reduced the levels adequately. Records of monitoring must contain the information specified in 32 Ill. Adm. Code 335.2080(f).
5. A. Each sealed source shall be tested for leakage and/or contamination as specified in 32 Ill. Adm. Code 340.410. Tests for leakage and/or contamination shall be performed by persons specifically licensed to provide such services.  
B. This license does not authorize analysis of leak test samples. However, the licensee is authorized to collect leak test samples for analysis by persons specifically authorized by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.
6. Except as otherwise specifically provided by this license, radioactive material to be administered to humans shall be procured in prepackaged, precalibrated form from a supplier who manufactures, labels, packages, or repackages the product in accordance with the Federal Food, Drug, and Cosmetic Act or the Public Health Service Act under appropriate pharmaceutical controls related to assay, identity, quality, purity, sterility and nonpyrogenicity.
7. Investigational New Drugs (IND) labeled with radioactive material shall not be used in human beings until the individual user has filed with the Federal Food and Drug Administration the required documentation in accordance with 21 CFR 312.1, and the exemption has not been terminated.
8. The licensee is authorized to receive, possess and transfer depleted uranium in amounts not greater than 999 kg for use as shielding material.
9. Notwithstanding the distribution requirements of 32 Ill. Adm. Code 335.1090 the licensee may receive, possess, and use naturally-occurring or accelerator-produced radioactive material (NARM) specifically authorized by this license and distributed by a supplier located in a non-Licensing State.
10. Sealed sources containing radioactive material shall not be opened.

\* K1-Bhatia; M1-M11; M12; C1-C11; M13-M14; M15-M16; M17-M18; M19-M20; M21-M22; M23-M24; M25-M26; M27-M28; M29-M30; M31-M32; M33-M34; M35-M36; M37-M38; M39-M40; M41-M42; M43-M44; M45-M46; M47-M48; M49-M50; M51-M52; M53-M54; M55-M56; M57-M58; M59-M60; M61-M62; M63-M64; M65-M66; M67-M68; M69-M70; M71-M72; M73-M74; M75-M76; M77-M78; M79-M80; M81-M82; M83-M84; M85-M86; M87-M88; M89-M90; M91-M92; M93-M94; M95-M96; M97-M98; M99-M100; M101-M102; M103-M104; M105-M106; M107-M108; M109-M110; M111-M112; M113-M114; M115-M116; M117-M118; M119-M120; M121-M122; M123-M124; M125-M126; M127-M128; M129-M130; M131-M132; M133-M134; M135-M136; M137-M138; M139-M140; M141-M142; M143-M144; M145-M146; M147-M148; M149-M150; M151-M152; M153-M154; M155-M156; M157-M158; M159-M160; M161-M162; M163-M164; M165-M166; M167-M168; M169-M170; M171-M172; M173-M174; M175-M176; M177-M178; M179-M180; M181-M182; M183-M184; M185-M186; M187-M188; M189-M190; M191-M192; M193-M194; M195-M196; M197-M198; M199-M200; M201-M202; M203-M204; 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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
**RADIOACTIVE MATERIAL LICENSE**

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
eelam Bhatia, M.D.	IL-01935-01	0	February 29, 2000

1. The licensee may use the Calcorp, Inc. "Calicheck" device or the Atomic Products Corp. "Lineator" device for linearity tests of their dose calibrator(s). Such tests shall be performed in strict accordance with the procedures contained in the device manufacturer's instruction manual. A copy of the appropriate device manufacturer's instruction manual shall be maintained at the licensee's facility if one of these devices is used.
2. The licensee is authorized to store waste containing, or comprised of, radioactive material with a physical half-life of less than 90 days for "decay-in-storage" before disposal with the following provisions:
  - A. Radioactive waste to be disposed of shall be held for decay a minimum of ten half-lives.
  - B. Pursuant to 32 Ill. Adm. Code 340.510(a) and (b), radiation surveys shall be performed prior to disposal of the waste to ensure that the waste's radioactivity cannot be distinguished from background radiation levels. The package/container surface shall be surveyed with a radiation detection survey instrument set on its most sensitive scale, with no interposed shielding between the detector and the waste, in a low background radiation environment. Records of monitoring shall be maintained to include: date of disposal; date placed in storage; manufacturer, model and serial number of the survey instrument used; background radiation levels; measured radiation levels; and identity of the individual performing the monitoring. All radiation labels shall be removed or obliterated.
  - C. Generator columns shall be segregated from their shields and other waste and monitored separately to ensure decay to background levels prior to disposal.
  - D. Nothing in this condition relieves the licensee from complying with other applicable federal, state, and local regulations governing any other toxic or hazardous property of these materials.

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ PAGE 01 OF 01

Joseph G. Klinger, Head of Licensing Section  
473-0059

February 15, 1995

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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

NAME	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
slam Bhatia, M.D.	IL-01535-01	0	February 29, 2000

Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with statements, representations and procedures contained in, referenced in, or enclosed with the documents listed below. The regulations contained in 32 Ill. Adm. Code: Chapter 11, Subchapters b and d shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations. The most recent statements, representations and procedures listed below shall govern if they conflict with previously submitted documents.

- A. Application dated December 9, 1994.
- B. Letter with attachments dated February 6, 1995.

1:00P:ren

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ PAGE 4 OF 4

Joseph G. Klinger, Head of Licensing Section  
L 473-0059

February 15, 1995

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DATE: 9-23-96

CORRESPONDENCE CLARIFICATION SHEET

REVIEWER: ~~John Madera~~ Bill R.  
LICENSEE: GOEL MED. CORP.  
LICENSE NUMBER: 13-26674-01

The following correspondence has been received from the above licensee and it is not clear what action(s) is(are) required: Please review this correspondence and indicate which of the following applies, and please return to Debbie Hersey, as soon as possible.

☐ Additional Information to Control No. \_\_\_\_\_.  
Process in as a new action, additional information, and no fee required.

☐ Process as new licensing action. Review has already been started on Control No. \_\_\_\_\_ and this information cannot be combined with current in-house action.

☐ Can be combined with Control No. \_\_\_\_\_. Review has not been started.

☐ Appears to be a(n) \_\_\_\_\_.

☐ Appears to be information for the license file - file it.

☐ Licensee is adding Nuclear Pharmacists.  
Amendment is necessary \_\_\_\_\_. Amendment is not necessary \_\_\_\_\_.  
(Information for license file)

☒ Licensee is adding authorized users.  
A check is included \_\_\_\_\_. No check is included ☒.  
Amendment is necessary \_\_\_\_\_. Amendment is not necessary \_\_\_\_\_.  
(Information for the license file)

☒ Other: NOTIFICATION PER Kay Kirkham

Thank You For Your Help!!!

02/02/95