

United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Attn: Ms. Betsy Ullrich, Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

RECEIVED
REGION I
2005 JUN 20 PM 2:42

Re: NRC License Number 45-19757-01 03019199

Dear Ms. Ullrich:

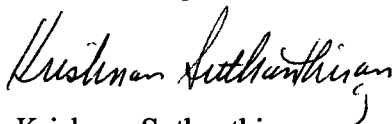
This is to inform the NRC that Mr. Sankara Ramaswamy, our Radiation Safety Officer, has decided to retire. He has been with Best Medical International, Inc. (Best) for almost 20 years and has been in medical physics and radiation safety for almost 40 years. We have hired Dr. Billy G. Bass to be our RSO effective June 27, 2005. Dr. Bass has many years of experience in radiation safety and has served as the RSO under NRC licenses in the past. His resume is attached.

We also would like to request that some errors be corrected on the last Amendment No. 28 issued to us. These corrections are provided as an attachment.

We are in the process of amending our license in its entirety. There have been many changes since we first received our license in 1981. We are doing this as recommended by previous NRC inspectors who inspected us, and in accordance with NUREG-1556. Our current license's tie down condition contains Best's applications and letters dating back to July 24, 1981. We hope to submit this amendment in the next few months.

Please feel free to contact me at (703) 451-2378, ext. 104 or 800-336-4970 if you have any questions or need more information.

With kind regards,



Krishnan Suthanthiran
President

Enclosures (as stated)

137242
NMSS/RGNI MATERIALS-002



7643 Fullerton Road • Springfield, VA 22153 • USA • Phone: 703-451-2378 • 800-336-4970 • Fax: 703-451-5228 • Web: www.bestmedical.com



Best® Iodine 125 Seed

THINK BEST®

Best® Palladium 103 Seed





Best Medical International, Inc.

Established 1977

June 15, 2005

Corrections to Amendment No. 28 to Best Medical International's NRC License Number 45-19757-01

1. License Condition 14 in Amendment No. 27 has been deleted and is replaced with a standard license condition that has been determined by NRC Headquarters and RII staff to be inappropriate for Best.

Explanation: This was a special license condition issued in Amendment 25 (dated July, 2001), after a team composed of NRC Headquarters and Region II staff visited Best to review the licensee's materials Receipt and Accountability system. This is because after a routine inspection, Region II staff questioned the applicability of the standard NRC license condition for taking physical inventory to Best. As a result of this team inspection, a special license condition 14 (Amendments Nos. 25 through 27) was issued:

"The licensee shall maintain a record of inventory of all radioactive material in its possession."

We request that standard license condition 14 in Amendment 28 be corrected as stated above.

2. Item 6B, model number for Iodine-125 source is incorrect.

Explanation: The model number for Iodine-125 source, according to the NRC Sealed Source and Device Registration Certificate, is Best Model 2300 series. The current model number given in Amendment 28 is Model 81-02, which is for the Best Gold seed.

3. License Condition 11 in Amendment No. 27(RSO and Alternate RSOs) was changed without Best requesting this change.

Explanation: The current license condition 11B. states the Radiation Safety Officer to be Sankara Ramaswamy. The original license condition 11 (in Amendment No. 27) had two Alternate Radiation Safety Officers. The names of these Alternative RSOs were deleted. Having an Alternative RSO ensures that the duties of the RSO will be fulfilled in situations, such as Mr. Ramaswamy's retirement.

We request that Dr. Billy Bass be named the new RSO (resume attached), and that Mr. Gregory Talley be designated as the Alternate RSO, which will help facilitate the transition of the RSO position. Since Dr. Wang is an authorized user, he will no longer be designated as an Alternate RSO.

4. Item 6W (Amendment 28), Holmium-166 should read Holmium-166m.

Billy G. Bass

[REDACTED]
[REDACTED]
[REDACTED] (Home)
(202) 877-8025 (Work)
(202) 877-2902 (Fax)
billy.g.bass@medstar.net (office)
[REDACTED] (home)

Education

- **George Washington University, Washington, DC** - PhD, Elect. Engineering & Computer Science
- **George Washington University, Washington, DC** - MSc Engineering Administration & Electrical Engineering
- **University of Maryland, College Park, MD** - Electrical Engineering and Computer Science
- **University of California at Los Angeles, Los Angeles, CA** – Electrical Engineering and Computer Science
- **North Carolina State University, Raleigh, NC** – BS, Nuclear Engineering

Other Training

- Have taken over twenty short courses in management techniques and special technical subjects (laboratory safety, chemical hygiene, biological safety, computer programming, x-ray techniques, radiation dosimetry, nuclear medicine, radiological physics, etc.)

Experience

- **Washington Hospital Center** – Radiation Safety Specialist. Provide training in radiation safety to clinical and support staff of the Center. Monitor use of radionuclides and radiological systems in clinical programs. Provide expert guidance in brachytherapy applications as well as reviewing radiological emergency responses for possible hospital actions and plans to deal with these emergency situations. Also served as the Radiation Safety Officer for over 5 years. Managed and directed program of radiation safety involving use of radioactive materials for diagnosis and therapy and radiation producing machines. Perform quality assurance inspections and tests for mammography systems as well as cardiac cauterization and interventional radiology equipment and high energy (8 – 12 MV) medical accelerators. Provide training in radiation safety to hospital professional staff. Supervise calibration and repair of radiation monitoring and surveying instrumentation.

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

- **Jerome H. Holland Research Lab., American Red Cross** – Radiation Safety Officer. Managed and directed program of radiation safety for research personnel engaged in biomedical research.
- **Catholic University of America, Washington, DC** – Adjunct Professor in Engineering. Taught courses in microprocessor interfacing and programming and biomedical instrumentation system design. Part time employment. Also served as the Chairman, Aberdeen Proving Ground Reactor Safety Committee. Reviewed experimental programs and provided technical guidance in the operation of a base pulse reactor and a 3 MV flash X-ray irradiator (accelerator).
- **Walter Reed Army Institute of Research, Washington, DC** – Director Instrumentation Division. Managed the design, construction, test and evaluation of unique instruments and devices for biomedical research and clinical applications. Performed radiation dosimetry for x-ray machines and radioactive material sources. Performed measurements on x-ray machines and gamma producing radionuclide sources to ensure compliance with applicable regulations. Installed, operated for 10 years and dismantled a 50KW nuclear reactor that was used for radiobiological research. Served as Radiation Safety Officer and Head, Laboratory Safety for over twenty years.
- **Health Physics Services, Inc. and Siennix, Inc.** – President – Managed program of radiological physics supports services to health care provider groups. Directed courses in radiation safety and radionuclide handling for physicians, mammography quality management, and radiological equipment certification inspection. Served as Consultant, Radiation and Health Physics to client organizations. Part time employment.

Special Skills

- **Certified Inspector, Radiological Systems**, for the States of Virginia, Maryland, West Virginia, Pennsylvania, New Jersey, Ohio, and the District of Columbia.

Professional Affiliations

- Member, Health Physics Society

Military Service

- **U.S. Air Force** – Repaired and maintained ground based radar and communications systems.

Bibliography & References: Supplied upon request

This is to acknowledge the receipt of your letter/application dated

6/17/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 45-19757-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 137242.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 03212
: Status Code: 0
: Fee Category: 3B
: Exp. Date: 20120930
: Fee Comments: 3N DELETED 9/15/93
: Decom Fin Assur Req'd: N
: ::

LICENSE FEE TRANSMITTAL

A. REGION

I

1. APPLICATION ATTACHED

Applicant/Licensee: BEST MEDICAL INTERNATIONAL, INC.
Received Date: 20050624
Docket No: 3019199
Control No.: 137242
License No.: 45-19757-01
Action Type: Amendment

2. FEE ATTACHED

Amount: /
Check No.: /

3. COMMENTS

Signed *Alberca Juncal*
Date 6/30/2005

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____