



Robert Packer Hospital
One Guthrie Square
Sayre, PA 18840-1698
Tel 570.888.6666

November 3, 2005

Br. 1

Sandra Gabriel
Health Physicist
Division of Nuclear Materials Safety
465 Allendale Road
King of Prussia, PA. 19406-1415

Re: Amendment of Materials License 37-01893-01 03003013

Dear Ms. Gabriel:

In accordance with NRC regulations, this letter is a request to add Charles F Wild, PhD DABR as an authorized medical physicist effective November 21, 2005 with material and use indications of Iridium-192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks and training. A copy of his curriculum vitae, certification, and NRC license on which he is an authorized user are enclosed. Dr. Wild is scheduled for training on the Nucleotron remote afterloader by the Nucleotron Corporation on November 23, 2005. Dr. Wild will not be performing any HDR until after this training.

Should you have any questions or require any additional information, please do not hesitate to contact me directly at (570) 882-4453.

Sincerely,

Mary N. Mannix, FACHE
President/COO

MNM:dl

Encs.

Information in this record was released
in accordance with the Freedom of Information
Act, exemptions b6
FOIA 2006-125

www.guthrie.org

C-5

1379d7

NMSS/RGNI MATERIALS-002

Charles F. Wild, Ph.D, DABR

[REDACTED]
 - 614-234-6726 (Work)
 [REDACTED] (Home)
 [REDACTED]

[Handwritten signature]
 6

Profession: Board certified clinical medical physicist

Certification: American Board of Radiology
Therapeutic Radiological Physics, 1995

Present Position: Senior Medical Physicist
Department of Radiation Oncology
Mount Nittany Medical Center
State College, Pa. 16803
From May 1999 to Present
Duties: clinical medical physics and dosimetry oversight

Previous Positions: Medical Physicist
Department of Radiation Oncology
Bon Secours Hospital
Alltoona, Pa. 16601
From September 1995 to May 1999
Duties: clinical medical physics/dosimetry and Radiation Safety Officer

Staff Medical Physicist
Department of Radiation Oncology
Arthur G. James Cancer Hospital
The Ohio State University Medical Center
Columbus, Ohio
From June 1991 to August 1995
Duties: clinical medical physics

Postdoctoral Fellow
Department of Radiation Oncology
University of Pittsburgh Medical Center
Pittsburgh, Pa.
From July 1989 to June 1991
Supervisor: Andrew Wu, Ph.D
Duties: research/clinical medical physics training

Postdoctoral Fellow
Department of Radiation Oncology
University of Michigan Medical Center
Ann Arbor, Michigan
From July 1988 to June 1989
Supervisor: Larry Antonuk, Ph.D
Duties: research in portal imaging modalities

Visiting Assistant Professor
Department of Physics
Colgate University

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

Hamilton, New York
From September 1987 to May 1988
Duties: teaching

Education:
A.S. 1979 Onondaga Community College, Syracuse, New York
B.A. 1982 Cornell University, Ithaca, New York
M.S. 1985 Duke University, Durham, N.C.
Ph.D. 1987 Duke University, Durham, N.C.

Clinical Experience: Extensive experience in all aspects of clinical radiation oncology physics including routine linear accelerator calibration, acceptance, commissioning and QA, external beam treatment planning, LDR and HDR brachytherapy (including I-125 prostate seed implants and Mammosite HDR), IMRT (planning and QA), stereotactic radiosurgery, Intraoperative RT using both electron beam and HDR and radiation safety

Treatment Planning System Experience: Theraplan, CMS, Prowess, ADAC Pinnacle, CORVUS, Brachyvision, Rosses (for prostate seed implants)

Other Systems Used: Siemens, Varian and Elekta linear accelerators, Nucletron and Varian HDR, Radionics Stereotactic radiosurgery, NOMOS IMRT using MIMIC

Previous Protocol Involvement: Certified physicist for Collaborative Ocular Melanoma Study

Professional Affiliations: American Association of Physicists in Medicine

Professional References: Available upon request

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,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
University Radiologists, and American Association of Physicists in Medicine

Hereby certifies that

Charles Frederick Wild, Ph.D.

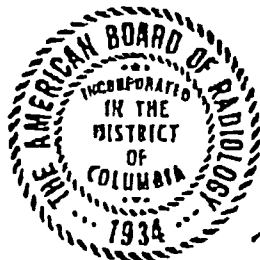
Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of

The American Board of Radiology

On this seventh day of June, 1935

Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of

Therapeutic Radiological Physics



Chaughn Maynard, M.D.
President

Walter Jewett, M.D.
Secretary-Treasurer

H. Paul Capp, M.D.
Executive Director



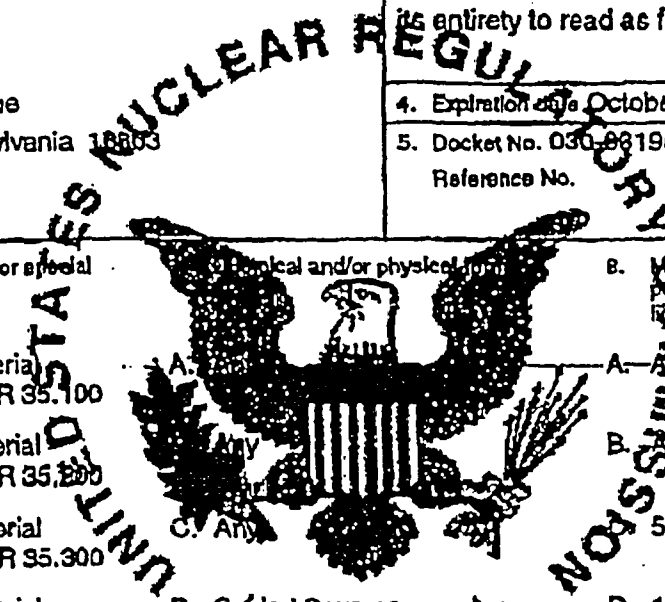
Duplicate

MATERIAL LICENSE

Duplicate

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. Mount Nittany Medical Center</p> <p>2. 1800 East Park Avenue State College, Pennsylvania 16803</p>	<p>In accordance with the application dated June 28, 2004,</p> <p>3. License number 37-13681-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date October 31, 2014</p> <p>5. Docket No. 030-00198 Reference No.</p>	
<p>B. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p> <p>E. Iridium 192 permitted by 10 CFR 35.600</p> <p>F. Depleted Uranium</p>	<p>and/or physical form</p> <p>A. Any</p> <p>C. Any</p> <p>D. Sealed Sources (American Heart or Medi-Physics Model 6711; Implant Sciences Corporation Model 3500; Draximage Model LS-1; Bard Brachytherapy Model STM 1251; Mills Biopharmaceuticals Model I-125SL and I-125SH)</p> <p>E. Sealed Source (Varian Medical Systems Model VS2000)</p> <p>F. Metal</p>	<p>B. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>500 millicuries</p> <p>D. 1000 millicuries</p> <p>E. [Redacted]</p> <p>F. 136 kilograms</p>



Duplicate

Duplicate

Duplicate

Garfield

Duplicate
MATERIALS LICENSE
SUPPLEMENTARY SHEET

Duplicate

License Number	67-13681-01
Docket or Reference Number	030-03168
Amendment No. 33	

9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300, for which the patient can be released under the provisions of 10 CFR 35.75.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400
- E. One source for medical use permitted by 10 CFR 35.800 in a Varian-TEM Model Varisource HDR remote afterloader unit. The source may not exceed 10 curies at the time of installation. One source in its shipping container as necessary for replacement of the source in the remote afterloader unit.
- F. Shielding in a linear accelerator.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 1800 East Park Avenue, State College, Pennsylvania. Licensed material in item 6.D. may be used at 1850 East Park Avenue, State College, Pennsylvania.
- 11. The Radiation Safety Officer for this licensee is Charles G. Gritz, M.D.
- 12. Licensed material is only authorized for use under the supervision of:
 - A. Individuals permitted to work as a radiologist, physicist, authorized nuclear pharmacist, and/or authorized medical physicist in accordance with 10 CFR 35.33 and 35.14.
 - B. The following individuals are authorized users for medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Thomas A. Manning, M.D.	35.100; 35.200
A. Roby Lal, D.O.	35.800; 35.400; Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit; Depleted uranium
Mary Ellen Fisher, M.D.	35.100; 35.200; 35.300
Gregory Weimer, M.D.	35.100; 35.200; 35.300
Paul H. Steindorf, M.D.	35.100; 35.200; 35.300
Roger A. Rockower, M.D.	35.100; 35.200
Allen G. Gritz, M.D.	35.100; 35.200; 35.300

Duplicate

Duplicate

Duplicate
MATERIALS LICENSE
SUPPLEMENTARY SHEET

Duplicate
Duplicate

License Number
97-13681-01

Docket or Reference Number
030-03198

Amendment No. 33

Authorized Users

Jerome D. Dardel, M.D.

Mark C. Shears, M.D.

Material and Use

35.300; 35.400; Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit; Depleted uranium

35.100; 35.200

C. The following individuals are authorized medical physicists as indicated:

Authorized Medical Physicists

Charles Wild, Ph.D.

John E. Nagel, M.S.

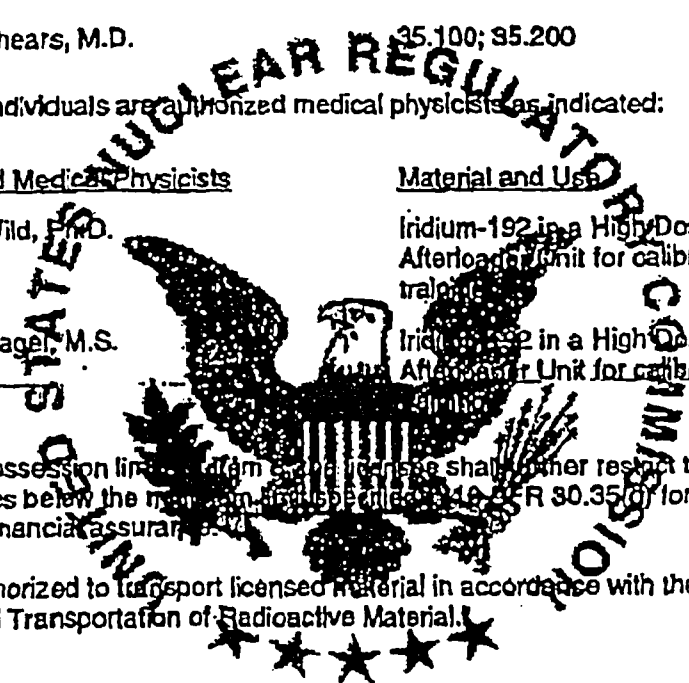
Material and Use

Iridium-192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training

Iridium-192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training

13. In addition to the possession limitations of the license, the licensee shall, in other respect, the possession of licensed material to quantities below the maximum limits specified in 10 CFR 30.35 (c) for establishing decommissioning financial assurance.

14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."



Duplicate

Duplicate

Duplicate

Duplicate
MATERIALS LICENSE
SUPPLEMENTARY SHEET

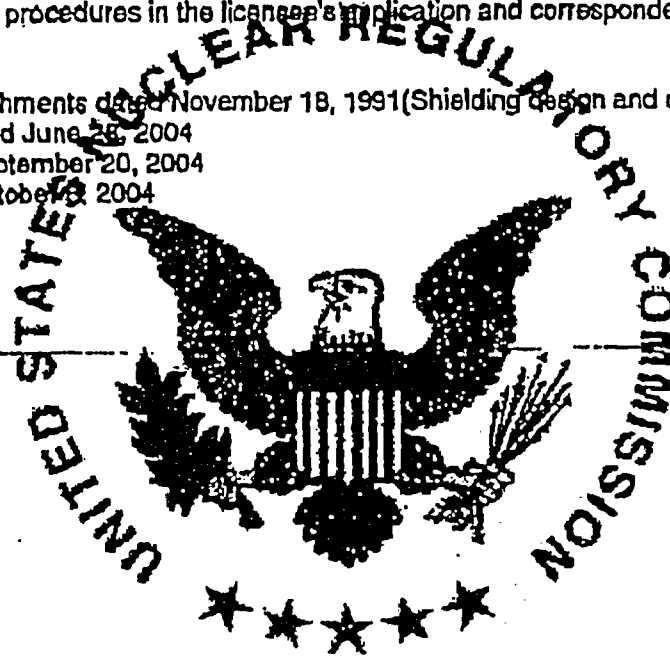
Duplicate

License Number
97-13681-01
Docket or Reference Number
030-03198
Amendment No. 33

Duplicate

15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Letter with attachments dated November 18, 1991 (Shielding design and calculation only)
- B. Application dated June 28, 2004
- C. Letter dated September 20, 2004
- D. Letter dated October 9, 2004



For the U.S. Nuclear Regulatory Commission

Date October 23, 2004

By Original signed by Sandra Gabriel
Sandra Gabriel
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

Duplicate

Duplicate

Duplicate

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

11/3/2005, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment 37-01893-01 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 137927.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (R1)
(6-86)

Sincerely,
Licensing Assistance Team Leader