

ADMINISTRATION

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October 27, 2005

Nuclear Materials Safety Branch 1  
Division of Nuclear Materials Safety  
Region 1  
King of Prussia, Pennsylvania 19406

Dear Sirs:

03001242

Please consider this notification of the following changes to Materials License number 06-00649-03. The Radiation Safety Officer has been changed from Robert Wolek, M.D. to Joan Merton, effective October 25, 2005. Ms. Merton holds certification from the American Board of Radiology in Diagnostic Radiological Physics.

Ms. Merton will be filling the position of medical physicist for our Department Of Radiology. Dr. Wolek will continue as the Chairperson of the Radiation Safety Committee.

Please see attached Ms. Merton's C.V.

Sincerely,



Harry Evert  
Vice President

HE/rdo  
Attachment

28 Crescent Street  
Middletown, Connecticut 06457-3650

tel 860 344-6000  
fax 860 346-5485

## CURRICULUM VITAE

**NAME:** JOAN MERTON

**ADDRESS:**

**TELEPHONE:**

**DATE OF BIRTH :**

**EDUCATION:**

1989-present

Columbia University, School of Public Health  
Doctoral candidate (part-time): Medical physics

1978-1982

University of London, Research: Ultrasound Physics

1972-1976

Saint John's University (part-time) M.S. Physics

Spring 1972

Downstate Medical Center, State University of New York  
Clinical Clerkship and Lectures in Medical Physics

1968-1972

York College, City University of New York, B.S. Physics

**CERTIFICATION:**

American Board of Radiology, Diagnostic Radiological Physics,  
June 1996

**NYS LICENSE:**

Diagnostic Radiological Physics, Therapeutic Radiological  
Physics, Medical Health Physics

**PROFESSIONAL  
EXPERIENCE:**

**February 2004 – present:**  
Consultant Medical Physicist  
Upstate Medical Physics

Acceptance testing and ACR surveys of mammography, digital  
mammography, MRI and CT. Acceptance testing of Nuclear  
Medicine SPECT cameras and CR systems. Shielding designs.  
Radiation Safety Committee meetings, review of Nuclear  
Medicine and Brachytherapy programs. Fetal dose calculations.  
Supervision and report review.

**September 1998 - present:**

American College of Radiology physicist reviewer:  
mammography phantom accreditation films, site reviews.

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

**March 1982 – March 2004:**

Assistant Professor, Department of Radiology  
New York Medical College  
Valhalla, New York

- Calibrations, regulatory compliance, quality assurance (radiographic, fluoroscopic, mammography, cardiac cath., angiography, lithotripsy, CT, ultrasound, radiation medicine), CR, DR
- IMRT film and dose verification of patient treatments, simulator quality assurance
- PACS networking, FEMA decontamination drills, film badges, teaching

**October 1978 - February 1982:**

Royal Marsden Hospital  
Institute of Cancer Research  
Sutton, Surrey, England

Three year research grant from E.M.I. administered by the  
Medical Research Council of Great Britain

**July 1972 – September 1978:**

Radiation Therapy Physicist, Clinical Instructor  
Downstate Medical Center, State University Hospital  
Brooklyn, New York

Sole physicist in Radiation Therapy Department responsible for:  
treatment planning, brachytherapy, radiation safety and teaching.

**MEMBERSHIPS:**

American Association of Physicists in Medicine  
American College of Radiology  
New York Academy of Science

**CONTINUING  
EDUCATION**

AAPM 2004 Summer School – Digital Imaging  
AAPM Meeting 2001 – Therapy and Diagnostic  
ACR July 2000 - Physics Symposium (MRI)  
SBIR May 1999- Physicist Program: Full Field Digital  
Mammography  
ACR March 1998-Mammography Phantom Reviewer Course  
AAPM Meeting 1997- Diagnostic Physics CME Course

## **PUBLICATIONS:**

Stack, R.J., Merton, J.V., High, M.D., Stroller, M., Policastro, A., Nickoloff, E.L.: Digital Subtraction Mammography with I.V. Contrast and Mask Mode Subtraction, American Journal of Roentgenology Supplement, Vol. 168, No. 3, 23, 1997.

Girolamo, R.F., Gaythorpe (Merton), J.V.: Clinical Diaphanography-It's Present Perspective, CRC Critical Reviews in Oncology/Hematology, Vol.2, Issue 1, 1-31, 1984.

Chan, B., Merton-Gaythorpe, J., Kadaba M. Zafaranaloo, S., Byrk, D.: Acoustical Properties of Polyvinyl Chloride for Use in Ultrasonography, Radiology, Vol. 152, 215-216, 1984.

Merton, J., Nicholas, D., Hill, C.R., Grover, S., Queenan, M., Cosgrove, D.: Ultrasonic Diffraction Scanning of the Thyroid, Ultrasound Med. Biol., Vol.8, No. 2, 145-153, 1982.

Merton, J., Nicholas, D., Hill, C.R.: An Assessment of the Use of Frequency and Orientation Diffraction for Identifying Scatterer Concentrations in Models, Ultrasound Med. Biol., Vol.8 (Suppl.1), 128, 1982.

Nicholas, D., Merton, J., Hill, and C.R.: The Application of Diffraction Analysis to Liver and Thyroid Disease, Acoustical Imaging, Vol.11, 109-126, Ed.J. Powers, Plenum Press, 1982.

Merton, J., Hill, C.R.: Relative Value of Orientation and Frequency Analysis in Characterization of Tissue Scattering Parameters, Ultrasonic Imaging, Vol.3, 211, 1981

Merton, J., Nicholas, D., Hill, and C.R.: An Assessment of Ultrasonic Diffraction Analysis in the Identification of Thyroid Disease, Ultrasonic Imaging, and Vol.3, 212, 1981.

Merton, J., Nicholas, D., Hill, C.R.: A Clinical Assessment of Diffraction of Ultrasound in the Study of Thyroid Disorders, Br. J. Radiology, Proc. 1979 Annual Meeting of BMUS

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

10/27/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 06-00649-03 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

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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** 137933.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.